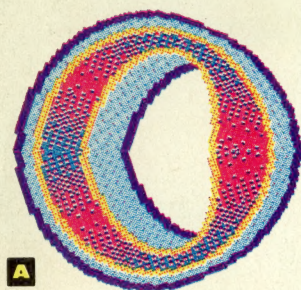
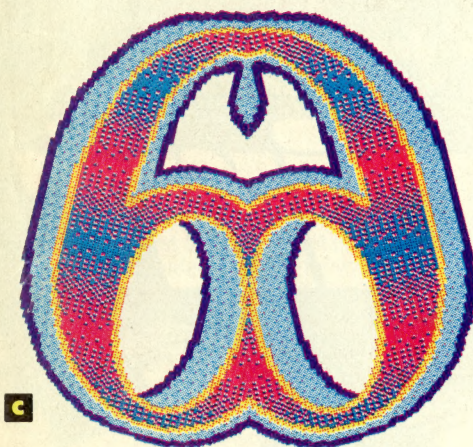
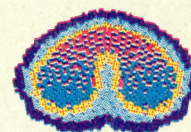
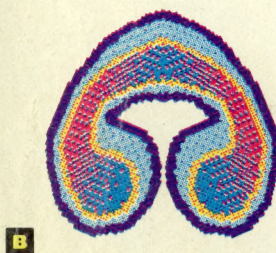
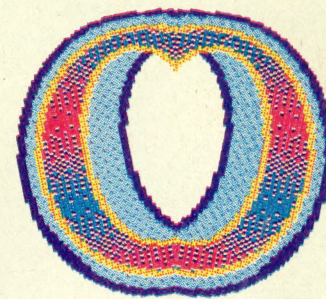


GAMES



MIRROR, ЯOЯЯIM



**Which of the seven patterns can be formed
by holding the edge of a mirror
up to the circled 9?**

Answer, page 60

Instructions and more mirror puzzles, page 18

© 1985 R.J. REYNOLDS TOBACCO CO.

10 mg. "tar", 0.8 mg. nicotine av. per cigarette by FTC method.



You've got what it takes.
Salem Spirit

*Share the spirit.
Share the refreshment.*

SURGEON GENERAL'S WARNING: Smoking Causes Lung Cancer, Heart Disease, Emphysema, And May Complicate Pregnancy.



THERE'S ONLY ONE LUCY.



INTRODUCING / LOVE LUCY: THE COLLECTOR'S EDITION.
GET YOUR FIRST VIDEOCASSETTE—THREE EPISODES—FOR JUST \$4.95.
with subscription



She was America's favorite housewife—zany, lovable, incurably stagestruck. And now, for the first time, her most priceless capers are on videocassette, for you to delight in again and again.

The CBS Video Library presents *I Love Lucy: The Collector's Edition*—a series of favorite episodes from the original TV show.

Remember Lucy and Ethel earning their bread in the chocolate factory? Or "saving on bulk" by stocking their freezer with two entire sides of beef? Or how about bottling Lucy's own salad dressing, and losing money on each bottle sold, but "making up for it in volume?" All three of these classic episodes are on the first videocassette, "Lucy's Troubles Managing Money"—yours for just \$4.95 when you subscribe to the series.

Here's how your subscription will work: Every six weeks, we'll send you a videocassette for a free trial. Each videocassette will feature three of the "I Love Lucy" shows that always delighted you most, in a way you never see them anymore: uncut, without one hilarious word

deleted. Each videocassette will carry a theme, such as "Lucy Wants to Be a Star," and come in a handsome case specially designed for the Collection. The videotape itself will have enhanced sound and picture, and be of the highest quality available.

Take 10 days to enjoy each videocassette. For each one you decide to keep, the price is just \$29.95 plus shipping and handling. Although we're sure you'll love each videocassette as much as you love Lucy, there's no minimum number you have to buy. And you can cancel your subscription at any time.

FREE "I LOVE LUCY"™ BOOK!

As a special bonus, if you act right now, we'll send you a copy of "The I Love Lucy Book," absolutely free. Packed with photos and behind-the-scenes action, this treasury of Lucy, Ricky, Fred and Ethel also includes plot summaries of every single episode. Yet even if you decide to return your first videocassette, you can keep the book as our gift.

I Love Lucy: The Collector's Edition brings you all the magic of the most-watched, most-loved comedy in television history—and it's available exclusively through the CBS Video Library. So start your collection right now, by sending in the coupon. For faster service,

call toll-free (credit card orders only):
1-800-CBS-4804 (in Indiana:
1-800-742-1200).

CBS VIDEO LIBRARY
 1400 North Fruitridge Ave., Terre Haute, IN 47811
 I Love Lucy™ is a trademark of CBS, Inc.

CBS VIDEO LIBRARY

Dept. AAY, P.O. Box 1111, Terre Haute, IN 47811

YES, I STILL LOVE LUCY! Enter my subscription to *I LOVE LUCY: THE COLLECTOR'S EDITION*, under the terms described in this ad. Send me "Lucy's Troubles Managing Money" (three episodes), at the low introductory price of \$4.95, which I'm paying as indicated below (*fill in*). Please include FREE "The I Love Lucy Book." Also, send me future videocassettes (at \$29.95 plus \$2.45 shipping and handling), on 10 days' approval, with no obligation to purchase.

Check one: ☐ **VHS** ☐ **BETA** Check how paying:
☐ **CHECK ENCLOSED** for \$4.95* (future cassettes billed with shipment). L17
☐ **CREDIT CARD.** Charge my series purchases, beginning with \$4.95* for my first cassette, to:
☐ American Express ☐ VISA ☐ MasterCard ☐ Diners Club L18

Account # _____ Expires _____
 Signature _____
 Name _____ (please print)
 () _____
 Phone _____
 Address _____ Apt. _____
 City _____ State _____ Zip _____

NOTE: All subscriptions subject to review. CBS Video Library reserves the right to reject or cancel any subscription. Offer limited to continental U.S. (excluding Alaska).
 *Applicable sales tax added to all orders.

FEATURES

- Pressure Cooker** **14**
 Top Chefs Compete for a Spot on the Culinary Olympic Team *Neil Steinberg*
- Mirror Imagery** **18**
 Which Patterns Reflect the Master Designs? *Marion Walter*
- Working Relationships** **20**
 Six Visual Analogy Puzzles *Wayne Roberts*
- Wacky Wordies** **41**
 Wacky Wordies Is Going Places *William Jacob Bechem*
- New Parlor Games** **42**
 If You're Sick of Playing Charades, Here's the Antidote *Stephanie Spadaccini*
- Crossing Madison Avenue** **??**
 Can You Find the Fake Ad? **ANSWER, PAGE 57**

PENCILWISE

- Reverse Categories **23** Cartoonerisms **30**
 Chain Gang Word Search **24** Cryptolists **32**
 Square Routes **26** The Buck Starts Here **38**
 More Polish Puzzles **28** and other pencil puzzles **...**

CONTESTS

- Take Three** **51**
 In This Word-Making Challenge, the Rules Are Simple, but Getting a High Score Isn't
- Hidden Contest** **??**
 Find it, and Enter by October 1, for a Chance to Win
- Contest Results** **50**
 Definitials and Hidden Contest, from April; How Much Is Albuquerque?, from May

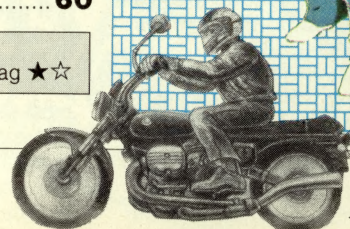
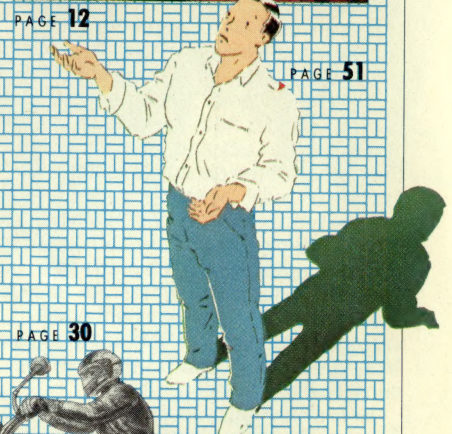
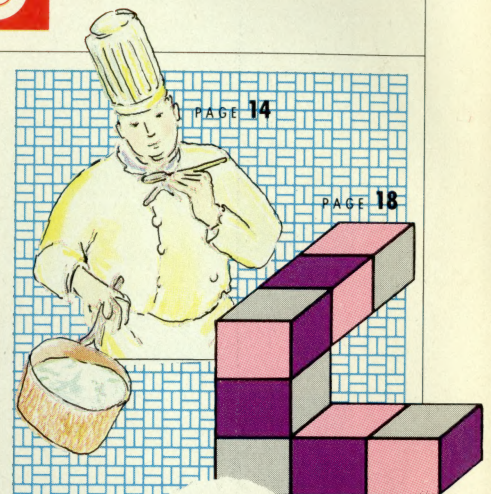
DEPARTMENTS

- Our Move **4** Logic: Nine Psychic Guesses **46**
 Letters/Laundry/Events **6** Games & Books **48**
 Gamebits **8** Wild Cards **52**
 Nasty Nines Pic-Tac-Toe **12** Answers **56**
 Eyeball Benders: Candied Camera... **44** Eureka **60**

DIFFICULTY RATING

Smooth Sailing ★ Uphill Climb ★★ Proceed at Your Own Risk ★★★ Mixed Bag ★☆

Cover Computer Illustrations Martin Lemelman Cover Puzzle Marion Walter



A GREAT GENERAL CAN WIN ANY WAR.

Gamemaster challenges you to prove it with the greatest battles ever fought from the past to the future! Stalk the battlefields of the Ancient World in Conquest of the Empire. Dominate the global theatre of

World War II in Axis and Allies.

And now launch yourself into the 21st Century with new Fortress America.

The Scenario: For the first time in history the United States is being invaded.

Deploy bombs, laser complexes and hover tanks to attack or defend U.S. cities and resources.

The Gamemaster Series—

The games you'll play as if your life depended on it.



© 1986 MILTON BRADLEY COMPANY

THE GAMESMASTER SERIES IS A REGISTERED TRADEMARK OF THE MILTON BRADLEY COMPANY, A SUBSIDIARY OF HASBRO, INC.

Post Impressions

During our nine-year history, GAMES readers have always gone far beyond simply reading and solving the magazine's features. Each issue elicits thousands of pieces of mail, including: contest entries (the all-time record of 152,000 entries for a single contest is held by the November/December 1981 Games 100 cover contest, in which readers had to identify pieces from various board games); reader-originated puzzles submitted to Your Move, the column that usually appears in this space; letters to the editor (a disconcerting number of which are sent in indecipherable code); Laundry letters pointing out our minutest errors in an attempt to win a hard-to-come-by GAMES T-shirt; decorative envelopes vying for recognition as Envelope of the Month (see page 7); improved puzzle solutions directed to our Eureka department; and responses to various ongoing or special challenges, such as the creation of a perfect Pic-Tac-Toe (see "The Nasty Nines" on page 12). Sometimes, when we present a new type of puzzle—such as Will Shortz's Equation Analysis Test, which required solvers to decipher abbreviated phrases like $7 = D$ of the W. ($7 = \text{Days of the Week}$)—readers enthusiastically respond by swamping us with their own similar creations. Our "Wacky Wordies" word rebuses (given a novel twist on page 41) proved so popular when they first ran in July/August 1979, that we were able to follow up the feature nine more times using some 168 examples from our readers.

Some of our most amusing mail relates to Fake Ads and Hidden Contests. Readers sometimes ask for more information about "products" we thought were too farfetched to be believed. Unlike our monthly Fake Ads, Hidden Contests appear only occasionally—and when they do, they're always announced in the Table of Contents, as in this issue. But many readers don't realize this, or perhaps are unsure how far to trust the editors of such a playful publication. Each issue brings a number of letters hopefully pointing out anything that seems to be a hidden message or a suspicious coincidence. (In this month's Hidden Contest, by the way, 25 contestants drawn at random will win a GAMES T-shirt; but you'll have to find the contest to learn how to enter it. And note: The recurrence of "nine" as a puzzle theme in this issue is *not* part of the Hidden Contest—it's a traditional way for GAMES to celebrate its anniversary.)

Because of the volume of mail we receive, we hope you understand why we are unable to respond to all of it personally. But as we enter our 10th year, we want to affirm that we enjoy and appreciate all the attention you give us. We offer our sincerest thanks to the many longtime readers who have participated with us in the evolution of GAMES and its creative processes, and we encourage and invite new readers to do the same. For our part, we pledge our continued best efforts to challenge and entertain.

R. Wayne Schmittberger

R. Wayne Schmittberger
Editor

GAMES

Editor R. Wayne Schmittberger
Senior Editor Will Shortz
Managing Editor Stephanie A. Spadaccini
Articles Editor Curtis Slepian
Game & Contest Editor Burt Hochberg
Staff Editors Robert Leighton, Scott Marley, Mike Shenk
Copy Editor Adrienne Burgi
Editorial Administrator Patricia McCabe
Editorial Assistants Mark Danna, John Keenan
Contributing Editors Matthew J. Costello, Emily Cox, Bernie De Koven, Roger Dionne, Martin Gardner, Henry Hook, Andy Meisler, Marvin Miller, Henry Rathvon, Merl Reagle, Gloria Rosenthal, Sid Sackson, Mary Ellen Slate
Editor at Large Ronnie Shushan

Art Director Barry Simon
Assistant Art Director Vanessa French
Art Production Manager Todd Betterley
Picture Researcher Debra Kagan
Layout Artists Marybeth Farrell, Phil Marden
Contributing Artists and Photographers Keith Bendis, Stan Fellerman, Keith Glasgow, R.J. Kaufman, Nick Koudis, Mark Mazut, Greg Scott, Walter Wick
Design Consultant Don Wright

Production Director Barbara Smith
Typesetter Marcie Bush Herkner
Production Assistants Suzanne Gardner, Jane Greenberg

Publisher Jerry Calabrese
Business Manager Ben Wolman
Operations Manager Sam Ananian
Director, Direct Marketing Robin Ruskin
Direct Marketing Assistant Alyssa Garey
Rights & Permissions Administrator Jan Elstun
Assistant to the Publisher Linda Verdun
Office Services Assistant Joseph J. McCabe
Receptionists Barbara Anderson, Pam Uruburu

Account Executives: New York Joe Failla, Jill Mulligan, Shelia Phillips
Midwest Russ Weller
Los Angeles Bob Sperling
San Francisco Tom Jones
Detroit Wayne Lawrie, Paul Mallon

Game Industry Roy L. DeVries
Promotion Manager A. Mimi Anderson
Advertising Assistant Cheryl Y. Page

Subscription Director Cathy Woll
Circulation Manager Franklin Stevens
Fulfillment Manager Yvette Watts
Fulfillment Coordinator Paula de Brito
Newsstand Sales Director Stan Budner

PLAYBOY ENTERPRISES, INC.

Chairman Hugh M. Hefner
President Christie Hefner

Subscription Rate: 1 yr. \$15.97, 2 yrs. \$24.97 in the U.S. and possessions; in Canada and other countries add \$4.00 per 1 yr. subscription (U.S. funds only).

Back Issues: \$5.00 (1977-1982); or \$3.50 (1983 on) available from Games, BACK ISSUES, 1350 Ave. of Americas, NY, NY 10019. Specify cover-months and year. (The first issue was dated Sept./Oct. 77.)

Editorial Correspondence: The Editor, Games, 1350 Ave. of Americas, NY, NY 10019. All manuscripts, photographs, and artwork must be accompanied by return postage and are submitted at sender's risk. Material sent in response to any invitation in this issue becomes the sole property of Games and may be published or otherwise disposed of at the discretion of Games without further notice. Contests are void where prohibited or restricted by law and are closed to regular contributors and to employees of Playboy Enterprises, Inc., and their families. It is not necessary to buy Games to enter its contests. For a copy of contests in this issue, send SASE to Games, c/o Contest Copies. The decision of the judges is final in all contests. Taxes on prizes are sole responsibility of winners. Games and its designees reserve the right to take and use names and photographs of winners for promotion and advertising.

Advertising Correspondence: Games, 1350 Ave. of Americas, NY, NY 10019, 212-246-4640—Sperling, von der Lieth & Jones, Inc., 4311 Wilshire Blvd., Suite 614, Los Angeles, CA 90010, 213-934-6600; 417 Montgomery St., San Francisco, CA 94104, 415-434-2675—Sales Motivating Associates, 28250 Southfield Rd., Lathrup Village, MI 48076, 313-569-3310—Weller and Assoc., 118 N. Clinton, Chicago, IL 60606, 312-559-0700. Games reserves the right to make independent judgment as to the acceptability of advertising copy and illustrations. Advertisers and agencies assume liability for claims arising from the content of their ads.

To Subscribe or Renew: Games, P.O. Box 10145, Des Moines, IA 50340. **Subscription Problems:** Mary Jeffries, P.O. Box 10146, Des Moines, IA 50340, or call toll free 800-247-5470. **POSTMASTER:** Send address changes to Games, P.O. Box 10148, Des Moines, IA 50340. Please allow 6 weeks for change of address. The date of the last issue of your sub. is on the upper right corner of the mailing label. Include all label information when writing about service, renewal, or change of address.

Reference to a product name without its trademark status is not meant to suggest lack of trademark rights in that name.



Our security specialists protect the doorway to the future.

There's a lot of responsibility when you're working in Air Force security. You'll be protecting what's valuable today like the F-16, the C-5A and the SR-71. And you'll also be protecting what's valuable for America's future.

As a high school graduate, you can train to be an Air Force security specialist or qualify for training in one of more than 200 other Air Force technical specialties like Aircraft Maintenance, Engineering Assistant, Communications or Electronics.

You'll also like the Air Force way of life: thirty days of vacation with pay each year, more than \$570 a month to start and educational opportunities, including 75% of your tuition paid for further studies.

Aim High. Secure your future in the Air Force. Visit your Air Force recruiter today or call toll-free 1-800-423-USAF (in California 1-800-232-USAF).



LETTERS

PUZZLERS MAKE HEADLINES

The introduction to "The GAMES Book of Word Records" (May, page 46) discussed ambiguities in language that can lead to amusing headlines like "Shark Attacks Puzzle Experts" (that is, experts were puzzled by the attacks). Now I've found an article in a Washington paper with the headline "Pasco Fires Puzzle Officials." I never knew puzzle officials could get into such mischief!

Glenda Latimer
Eltopia, WA

Your Word Record for the longest self-descriptive sentence was attributed to Lee Sallows, a master of the self-descriptive sentence who has constructed several longer ones, including this:

Only the fool would take trouble to verify that his sentence was composed of ten a's, three b's, four c's, four d's, forty-six e's, sixteen f's, four g's, thirteen h's, fifteen i's, two k's, nine l's, four m's, twenty-five n's, twenty-four o's, five p's, sixteen r's, forty-one s's, thirty-seven t's, ten u's, eight v's, eight w's, four x's, eleven y's, twenty-seven commas, twenty-three apostrophes, seven hyphens, and last but not least, a single !

David Rape
No address given

TEN-GALLON THANKS

Thank you very much for honoring my state's 150th birthday in your "Texas Leaguer" Word Search (June, page 28). I don't know if constructor Helen Taylor is from Texas or not, but she pretty well touched on most of our historical "high spots" and other items unique to Texas. Nice of y'all to celebrate with us.

Evelyn B. Richter
Center Point, TX

Helen Taylor is, in fact, from Grand Prairie, Texas.—Ed.

THE MELTING POT

I enjoyed "The Melting Pot Quiz" (July, page 44) but have one clarification. Pat Benatar did indeed change her name from Patricia Andrejewski. But it was not the calculated career move typified by the other marquee benders on your list—it was the result of her marriage to a man named Dennis Benatar in 1971.

Billie Truitt
West Hartford, CT

In "The Melting Pot Quiz" you listed six foreign languages in order of their frequency of use in the United States. I'd like to point out that sign language, which is universal, is actually the fourth most common, used by an estimated 1.5 million individuals.

Tom Backiel
Bangor, ME

SAILOR TALK

The Wild Card "Speak Like a Sailor" (July, page 55) defined a "shellback" as "an old sailor." The term "shellback" describes a sailor who has crossed the equator; I became a shellback at the tender age of 19. Incidentally, polliwogs—sailors who have not crossed the equator—can be old too.

Steven D. Sanders
Orick, CA

According to Webster's Third New International Dictionary, "shellback" means both "an old sailor" and "one who has crossed the equator," while a "polliwog" is one who has just crossed it for the first time. It appears that Mr. Sanders and our author sail in different circles.—Ed.

TAKE TWO TABLETS

In "Sketchwords" (June, page 26), the stone tablets representing the M in MOSES (shown below) weren't strictly by the Book. In Roman Catholic tradition, the commandments are grouped 1-3 on the left and 4-10 on the right. Meanwhile, since Hebrew is written from right to left, Jewish tradition places the first group (1-5) on the right-hand tablet, continuing onto the left one—



without the Roman numerals, of course!
Charles E. Gersch
New York, NY

NEW WAVE MUSIC

Your listing of the mistakes in the "Critic's Corner" review ("The Compleat Culture Quiz," June, page 22) notes that "an orchestra cannot play a capella . . ." I don't see why not—if a little Latin she-goat (capella) should wander on stage at the time. After all, according to the review, the concert was led by a boat-wielding, chess-playing conductor. Who would notice? Also, have you given no consideration to the possibility that the oboist might be an ecadysiast on the side? This would explain her problems with the G-string.

John Hert
Fayette, MO

The Latin capella means "she-goat," but the music term a cappella (spelled with one or two p's) is Italian for "in church style."—Ed.

LAUNDRY LETTER

I hope that the woman interviewed in "The Alma Mater of Invention" (May, page 14) doesn't devote too much time to developing "a device to keep socks together in the wash." The "Sock Lock," a small plastic ring with teeth, already exists—though it's impossible to find in the stores. On rare occasions when I've seen them sold, I've bought all they had. The Sock Lock is the greatest invention never marketed in this country.

Mike Harris
Birmingham, AL

ALBUQUERQUE, NOT MEXICO

As a native Albuquerquean, I was thrilled to see your contest "How Much is Albuquerque?" (May, page 53). But the city is not as was depicted in your illustration (nothing but cacti, desert, lizards, and snakes). Albuquerque, the largest city in New Mexico, has buildings, trees, water, blue skies, and an international airport. And contrary to what I'm often asked, you do *not* need a passport to visit: New Mexico has been a state since 1912.

Karen Golden
Tempe, AZ

JOB INQUIRY

The directions for the brainteaser "In What Order?" (April, page 40) mentioned "play-testers" who tried the puzzle with varying degrees of success. How can I apply for such a job? It sounds great!

Joanne McGinley
Maspeth, NY

You wouldn't like it. It's play, play, play, all day, and no time for work.—Ed.

LAUNDRY

If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

MISTAKES: JULY

In "Beady-Eyed" (Beguilers, page 22), your explanation for row 3 is correct, but the answer should be B, not C.

Carolyn Peterson
Williamstown, MA

In "Mind Your P's and Q's" (page 27) you gave "Ponytail" as a synonym for QUEUE. A queue is braided, while a ponytail is just gathered at the back or side of the head. A better synonym for QUEUE is "Pigtail."

Robin D. Springberg
Arlington, VA

I was double-crossed by your Double Cross (page 36). The President of France spells his name MITTERRAND—with two R's. Don't feel bad—even the august New York Times has been known to goof on it.

Betsy Pitha
Lexington, MA

In your "Melting Pot Quiz" (page 44), you ask for the "four freedoms given in the First Amendment." There are actually five: religion, speech, press, petition, and the one you forgot, assembly. Freedom of assembly was, for example, the basis for the civil rights sit-ins in the 1960s that brought about much of the needed reform.

David L. Campbell
St. Louis, MO

JUNE

The last word in Dszqphsbnt! #6 (page 30) was misspelled. It should be SHILLELAGH with a double L.

Dinah Rabwin
Los Angeles, CA

EVENTS

DAY OF THE MONTH: SEPTEMBER 5

"Be Late For Something Day" is a day to take your time and forget your schedule. Created by the Procrastinators' Club of America, this day encourages people to try to be late for something in order to experience the benefits of an unhurried lifestyle, and to learn to be late again and again.

If you plan to attend any of the following events, write or call to check entry fees, dates, sites, eligibility, etc. Include a SASE with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.

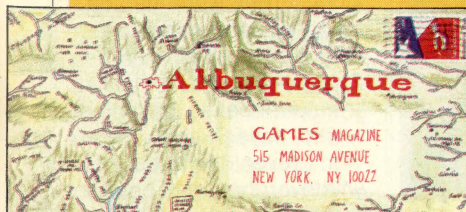
BALLOONING The flighty and the fearless will prepare for balloon ascensions, parachute jumps, and air acrobatics at the All Ohio Balloon Rally & Air Show, September 3-7, at Union County Airport, in Marysville, Ohio. Tickets range from \$1 to \$3. Contact: Chamber of Commerce, Box 135, 126 West Fifth St., Marysville, OH 43040, or call (513) 642-3922.

CANOEING Rugged and ready boaters are invited to bring their canoes and gear to the Adirondack Canoe Classic for a 90-mile paddle from Old Forge to Saranac Lake, New York, September 12-14. Snack points are available, and racers spend two nights camping. Winners receive plaques and merchandise prizes. Contact: Chamber of Commerce, 30 Main St., Saranac Lake, NY 12983, or call (518) 891-1990.

DARTS Sharpshooters from around the world will aim for the \$50,000 cash target at the Lucky Lights Windy City Open, September 5-7, at the O'Hare Exposition Center in Rosemont, Illinois. Nine events are scheduled, with entry fees ranging from \$8 to \$15. Contact: Windy City Darters Tournament Players, 4749 N. Kenneth, Chicago, IL 60630, or call (312) 286-3848.

FILM FESTIVAL This Festival of Festivals presents a dazzling cross-section of Canadian and international cinema on giant outdoor screens, September 4-13, in Toronto. Tickets range from \$3 to \$225 (purchased singly, in coupon books, or as a 10-day pass). A Latin American Retrospective is this year's centerpiece. Contact: World Film Festival of Toronto, 69 Yorkville Ave., Suite 205, Toronto, Ontario, Canada M5R 1B8, or call (416) 967-7371.

ENVELOPE OF THE MONTH



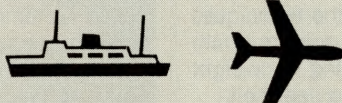
Dave Gold
Flemington, NJ

IMPRESS YOUR GUESTS!

Want to impress friends with your jigsaw puzzles but lack the staying power to complete them? We'll do it for you. Send for the Impress-A-Guest Jigsaw Puzzle and you'll receive a monster, 2,000-piece puzzle already completed (glued down on cardboard so it won't fall apart)—except for a few pieces! Simply place it on your coffee table, sit back, and listen to the compliments from visitors.

And don't forget our other Impress-A-Guest Products:

- "All-but-finished" model airplanes and boats (come with half-used tube of airplane glue)



- "Nearly completed" needlepoint
- Ship halfway in a bottle
- Filled-in crosswords (Sunday New York Times crossword puzzles, guaranteed delivery the following Wednesday)

IMPRESS-A-GUEST PRODUCTS

Box F
Nofin, Wisconsin 1000%



A Magazine written by and for gifted and talented young people.

Give your students the opportunity to express themselves to others who share their interests...both nationally and internationally.

Your students can submit stories, poems, artwork and photos for publication. They can meet a new friend through Pen Pals.

You'll love the Advanced Insights section designed to provide you greater understanding of the rainbow of gifted and talented students you teach.

Published 6 times a year.
(August through May)
Year subscription - \$19.95
(U.S. FUNDS ONLY)

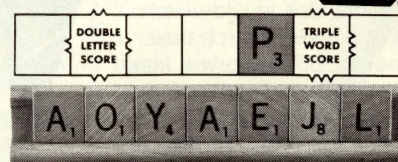
PRISM

1040 Bayview Drive - Suite 223
Fort Lauderdale, Florida 33304



TEST YOUR VO-SCRABBLE®-ARY:

It's your turn to play America's favorite crossword game. What's the highest point score you can get using the letters in the rack plus the letter already in place? (Hint: Our highest score was 57.)



Our best word is "jology." Can you beat that?

SCRABBLE® is the registered trademark of Selchow & Righter Co., Bay Shore, NY for its line of word game products, toys and entertainment services.

G A M E B I T S

EDITED BY CURTIS SLEPIAN

FLIPPED OUT

To Craig Hosking, bottoms up is more than a toast. That's his position every time he flies his plane, which takes off and lands upside down. Hosking, a 27-year-old commercial pilot from Utah, modified a Pitts Special S2B (below) to wow the crowds when he flies it at air shows.

Topsy-turvy flight provided Hosking with two stiff challenges: learning to land upside down, and trying to get seated in the inverted

cockpit. He overcame the first with the help of assistants who radioed his altitude to him as he descended, so that he could compare it to his visual impression of the distance from the landing strip.

Hosking solved the second problem with a seat-belt, cable, and winch. As he describes the technique, "I bend over, point my butt in the air, resting my weight on the hanging seat belt, and someone cranks me into the cockpit." Which gives new meaning to the phrase, "flying by the seat of one's pants." —C. S.



JOEL RIEMAN

THE HAPPY HOAXER

The Fat Squad had all the makings of a big news story. According to a press release sent to the media last April, Joe Bones, president and founder of The Fat Squad, had devised a revolutionary new diet plan. To help people lose weight, he would send a "commando" to each dieter's home to enforce his or her diet. For \$300 a day, the release explained, powerfully built commandos would watch over dieters, search their houses for food, even frisk them to prevent them from eating "illegal" food.

The story was immediately gobbled up by the Wash-

ington Post and the Philadelphia Inquirer. Intrigued by the novel concept, *Good Morning, America* host David Hartman interviewed Bones and a Fat Squad client on national television.

The only problem was, the Fat Squad was a fake. Joey Bones, a.k.a. Joey Skaggs, master hoax artist, had fooled the media—again.



"Joe Bones?" laughs the 40-year-old Skaggs. "I can't believe the name alone didn't tip them off." Skaggs' hoaxes are so farfetched, even his friends bet he won't be able to pull off a new one.

Like the time in 1981, when, as Josef Gregor, president of a company called Metamorphosis, Skaggs announced the development of cockroach hormone pills that supposedly cured everything from acne to arthritis. UPI picked up the story of the wonder drug, and many papers around the country ran it.

"The clues were blatant," says Skaggs, "but nobody got it." For instance, no newspaper made the connection to the Kafka story, "The Metamorphosis," in which a young man named Gregor Samsa is transformed into a beetle.

Then there was the Celebrity Sperm Bank hoax. Skaggs posed as Giuseppe Scaggoli, the owner of a sperm bank whose primary donors were rock stars. When Scaggoli informed the press of his plans to auction celebrity sperm to the highest bidders, *Ms.* magazine, among others, was outraged.

Skaggs chuckles at the memory of each of his hoaxes, and he hopes they make other people laugh. "I don't do this to exploit or endanger anyone, although

I do show how crazy people can be to believe these things. My point is to make people wary of all disinformation, whether it comes from corporations, the government, or TV news."

Skaggs began as a conceptual artist in the late 1960s. And although he still creates humorous art—like "fish condominiums," elaborate miniature furniture for fish tanks—his real fascination is hoaxes.

"I see each hoax as a game," he says. "The first part is to plan and direct the production and to see who takes the bait. Once the story is picked up, I see how long it takes to play itself out. Then, there's the surprise when I reveal the hoax. The second part of the game is getting the media to admit they were fooled."

This last part can be trickier than the first. Several years ago, Skaggs placed an ad in the *Village Voice* for a "Cathouse for Dogs." The idea, said the ad, was to reward dogs for such accomplishments as graduating from obedience school. For a fee, Fido would receive a mating session with a specially selected female dog. When WABC television interviewed Skaggs for a documentary on cruelty to animals, the New York State Attorney General's office handed Skaggs a subpoena. At this point, Skaggs revealed his hoax, but WABC never retracted the story. "They were just too embarrassed to admit they'd been had," says Skaggs disappointedly.

Future hoaxes are in the works, says Skaggs. He won't reveal them, but, whatever they may be, a lot of smart people will be fooled by them.

—Nicole Gregory



The Fat Squad's founder, Joey Skaggs (left), made the media eat their words.

JUDY DROSD (2)

GIFT WRAP-UP

Sometimes business, not necessity, is the mother of invention. Take the 48th Premium Incentive Show, held last spring in New York City. More than 2,000 booths displayed products called "premiums," which are gifts given away by firms to entice customers. As can be seen from the small sampling that follows, some premiums place a

cost \$125, plus shipping. You can buy one from existing stock or have one personalized by calling 800-334-9229 (Foot Stools Unlimited, 106 North Saginaw, Pontiac, MI 48058.)

Imagine the psychological impact of a game of chess in which the faces of the players appear on their pieces. This is now possible, thanks to a high-quality cardboard chess set created by Dutchman Wim Hilarius. The die-cut, black-and-white rectangular



Foot Stools Unlimited created a special model for President Reagan—shod in riding boots.

premium on ingenuity. They are available in retail outlets or from their manufacturer.

From A-mazing Greetings, Inc., comes a greeting card that's also a puzzle. Or is it a puzzle that's also a greeting card? Whichever, the sliding plastic pieces are manipulated like the famous Sam Loyd "15-14" puzzle. It can be sent to friends who may, if they can, unscramble such messages as "Happy Birthday" and "Have a Ball." The retail price is \$3.95 from LVW Distinctive Gifts, 6972 Convo Court, San Diego, CA 92111.

Foot Stools Unlimited has put its best feet forward with a novelty item known as "The stool with a personality." The plastic legs and feet of these stools wear real shoes and socks, and can be outfitted to resemble the pedal extremities of football players, skiers, frogmen, or you-name-it. The wool-covered foam-top cushion displays a machine-stitched name or message of your choice.

Custom design footstools

pieces are easily punched out of a large sheet of cardboard, and are just as easily assembled.

The pieces can be imprinted with any design, including famous works of art, family photos, or company logos.

Cardboard checker and backgammon sets (with regular dice) are also available. Prices for single sets have not been established, but inquiries can be addressed to Wim Hilarius, c/o Netherlands Foreign Trade Agency, One Rockefeller Plaza, 11th floor, New York, NY 10020.

Anyone who has ever spent a rainy day at the ball park will tip his hat to Capabrella—an umbrella shaped like a huge baseball cap that can shield two people. Patented by baseball great Lou Brock, there is a Capabrella for every major league team. Team umbrellas cost \$22.95, plain ones \$19.95, plus shipping. Contact the Lou Brock Sports Shop, 3303 Goodfellow Blvd., St. Louis, MO 63120. —M. D.

TAKING STOCK

The people who work for the Salvation Army are used to receiving all sorts of old things. But they were surprised to find themselves the recipients of two suitcases crammed with out-of-date stock certificates issued by companies they had never heard of.

Rather than throw out the stocks, Salvation Army officials took the suitcases to the offices of R. M. Smythe, a New York stock appraisal firm. Smythe discovered that the stocks were worth more than \$19,000.

R. M. Smythe is a kind of Wall Street treasure hunter, searching out the value of old stock certificates. To do this, Smythe follows a twisting trail of mergers and acquisitions, hoping to find whether the company that issued the stocks still exists. Smythe receives more than 8,000 requests per year to trace obsolete stock.

How do researchers find long-vanished firms? Smythe can often trace a company's history from century-old corporate directories. If that doesn't work, researchers must sniff out the corporate trail, which can be labyrinthine. One of their most difficult jobs was to trace 3,120 shares of stock of the American Atomics Corporation. According to the certificates, the firm was incorporated in Arizona. But the state's Corporation Commission insisted it had no record of any such company.

Instead of examining the Commission's files in Phoenix, Smythe started looking for the corporate officers named on the stock. They checked directories for Arizona cities, found one of the officers' names in the Tucson book, and called, on the off-chance that it would be the same person. It was.

It turned out the company had merged and was alive and kicking. The 3,120

shares being traced were worth \$56,000.

Though most old stocks are worthless, it doesn't cost much to find out: Smythe charges \$25 per company traced.

Are any types of stock likelier to have more current value than others? "Utilities do better than average," notes a Smythe vice president. "Mines do poorly because once the mine is emptied, the company usually folds. And, of course, anything formed around 1929 did tend to go belly-up." —Minda Zetlin

ROCKY MOUNTAIN HIJINKS

It's not the altitude that's gotten to the fellow below from Vail, Colorado. It's Mountain Madness—three weeks of fun and games that allow the villagers of this resort town to unwind at the end of the ski season.

Among the events held during Mountain Madness are a scavenger hunt, a slalom run, and a lip synch competition. But the highlight of the festivities is The Great Race, a combination relay race and Spring Break.

Last April, 30 teams, with 11 members each, all bizarrely dressed, covered a half-mile course in eight unusual phases. Some competitors were required to run in flippers, sprint-hop on pogo sticks, stand face-to-face with a teammate on a single set of skis and do a 50-yard tango, and swim two laps in a pool while wearing ski boots.

Who won? Judging by the liquid celebration and dancing in the streets by spectators and participants, the real winner was the town of Vail. —M. D.



Announcing a major new tribute to American patriotism...

The Freedoms Foundation REVOLUTIONARY WAR CHESS SET



King
George III



*Authentic sculptured
portraits of great heroes of
American independence.*

*Crafted in solid pewter on a
base of cast marble,
with a magnificent chess board
of gold and silver on brass.*

Chess sets representing great historical events have been prized by people of taste and sophistication for generations. Treasured by serious collectors. And often passed along as valued heirlooms.

Now, The Freedoms Foundation at Valley Forge—dedicated to perpetuating the ideals of American independence—presents the most

important and luxurious chess set ever created for Americans. *The Revolutionary War Chess Set.*

Portraying brave patriots of our country's fight for freedom, it brings into your home a unique and exciting panorama of the American Revolution.

Remarkable portrait sculptures

This fascinating chess set comprises three-dimensional sculptures of great generals and infantrymen of the Revolutionary War. Each sculpture is a work of art in itself—richly detailed and historically accurate. And each figure is meticulously crafted in solid pewter, then set on a finely sculptured base of cast marble. In addition, every figure is clearly identified by name.

To design the chess pieces and produce them in pewter, The Freedoms Foundation has appointed the skilled craftsmen of The Franklin Mint.

Elegant chess board created expressly for this set

As part of the chess set, you will receive a custom-designed chess board unlike any ever created before. Beautifully finished in gold



Sir William
Howe

Henry Knox



COURTESY U.S. CAPITOL HISTORICAL SOCIETY



Chess board and hardwood case provided as part of the set.



Marquis
de Lafayette



John Burgoyne

ACTUAL SIZE

and silver electroplate on brass, its background design forms an attractive map of the thirteen original colonies.

This superb playing board also becomes the cover for the hardwood presentation case that stores and protects the 32 chess pieces.

Displayed in your living room, den or office, The Revolutionary War Chess Set will be admired by all who visit your home. For it will add an impressive touch of history to your decor—symbolizing the conflict that changed the lives and fortunes of all Americans.

But this chess set will not be sold in any stores. It is available *only* from The Franklin Mint. The chess pieces will be sent at the rate of two every *other* month, but you will be billed for only *one* at a time—just \$19.50 each. (There is no added charge for the chess board.)

To acquire this heirloom American chess set for your home and family, please mail your subscription application to The Franklin Mint, Franklin Center, PA 19091, by September 30, 1986.

© 1986 FM

SUBSCRIPTION APPLICATION

The Freedoms Foundation

Revolutionary War Chess Set

Please mail by September 30, 1986

The Freedoms Foundation

c/o The Franklin Mint

Franklin Center, Pennsylvania 19091

Please enter my subscription for The Freedoms Foundation Revolutionary War Chess Set, consisting of 32 playing pieces in fine pewter, mounted on a base of cast marble, with a luxurious chess board of gold and silver electroplate on brass.

I need send no money now. I will receive two playing pieces every *other* month but will be billed for just *one* at a time—\$19.50* per month—beginning when my first shipment is ready to be sent to me. There is no added charge for the chess board and presentation case.

Plus my state sales tax and 50 for shipping and handling

Signature _____

Mr.

Mrs.

Miss _____

ALL APPLICATIONS ARE SUBJECT TO ACCEPTANCE

PLEASE PRINT CLEARLY

Address _____

City _____

State, Zip _____

THE NASTY NINES

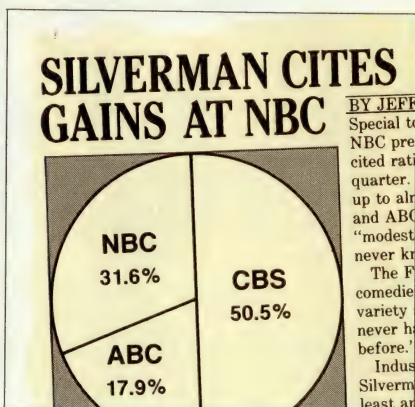
★★

A Pic-Tac-Toe Puzzle by Robert Leighton

You've heard of the Terrible Twos? Meet the Nasty Nines—nine pictures thematically linked in eight directions (three horizontal rows, three vertical columns, and two diagonals). For example, the theme for the top row here is movies.

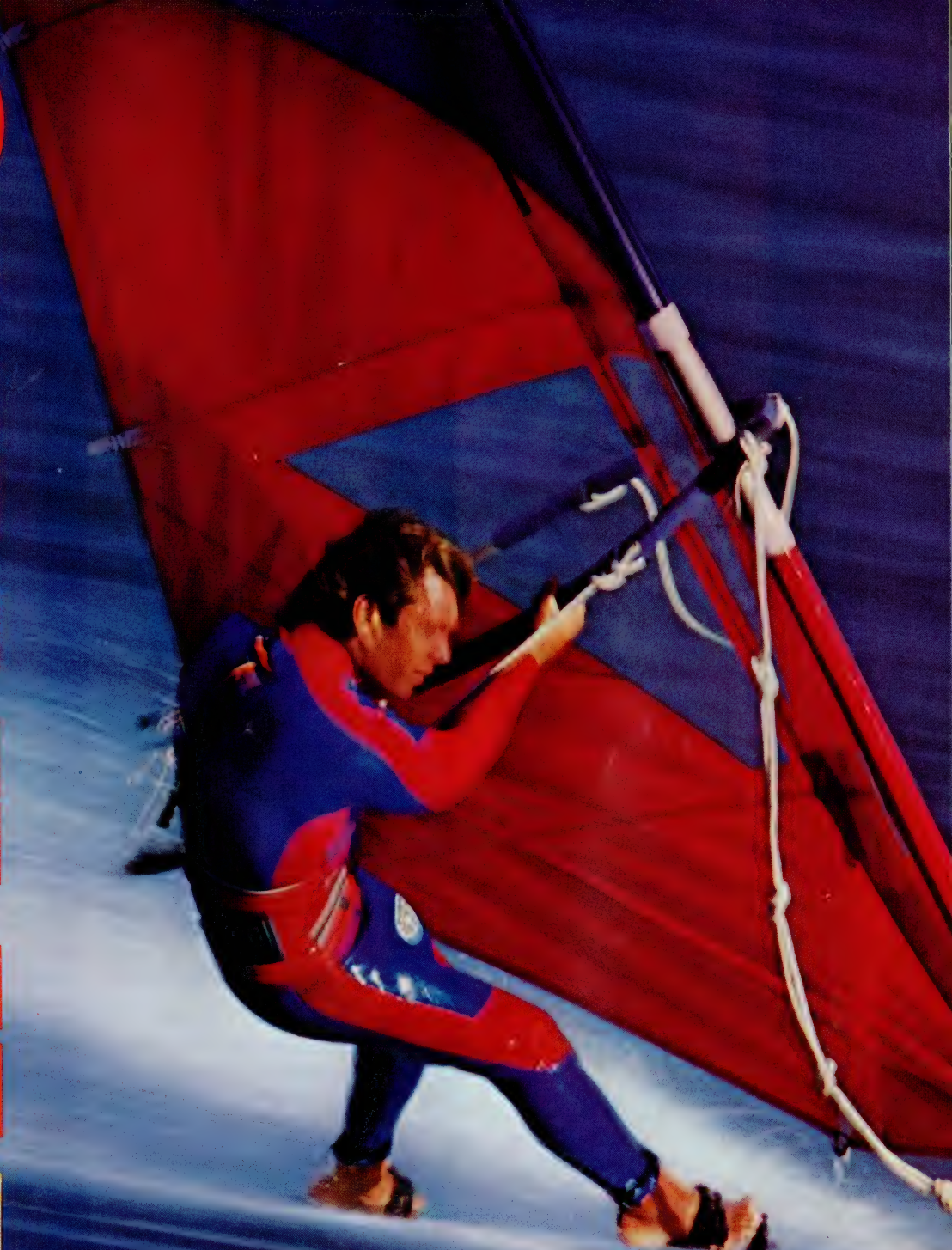
In honor of our ninth anniversary, we've placed the appropriate number in the center square. While you figure out the other themes, we'll remind you of our long-standing \$100 offer to anyone who sends us a Pic-Tac-Toe that we find perfect enough to print.

ANSWER, PAGE 56



VANTAGE

PERFORMANCE COUNTS.
THE THRILL OF REAL CIGARETTE TASTE IN A LOW TAR.



20 CIGARETTES

VANTAGE



9 mg. "tar", 0.7 mg. nicotine av. per cigarette by FTC method.

SURGEON GENERAL'S WARNING: Smoking By Pregnant Women May Result in Fetal Injury, Premature Birth, And Low Birth Weight.

© 1986 R. J. REYNOLDS TOBACCO CO.

PRESSURE COOKER

by Neil Steinberg

Some select chefs dish it out while competing for a spot on the U.S. Culinary Team, and a chance to represent America in the world food Olympics.

THE 67th NATIONAL RESTAURANT Association convention is a culinary madhouse. Tens of thousands of food industry types swarm over every level of Chicago's giant McCormick Center, gobbling free samples of TaterBoys, Tofutti, Koala Cones, and other snacks, clustering around booths representing such restaurant supply companies as Sani-Pearl, Thermo-Kleen, and Cut-Tel Automatic Faucets ("You never, *never* again have to touch your faucet...")

In one corner, separated from the hall by a row of seven glassed-in kitchens, pandemonium has been reduced to a quiet hum. Here some of the best chefs in America are competing for the industry's highest honor—a spot on the U.S. Culinary Team, representing this country two years from now at the Internationale Kochkunst Ausstellung, or International Culinary Competition.

Held in Frankfurt, West Germany, every four years since 1894, this "Olympics" of cuisine is the world's most prestigious culinary competition. In 1984, 60,000 visitors came to the MesseGelande—Europe's largest single exhibition area—to watch teams from 28 countries compete. In addition to national competitions, some chefs also compete in various individual categories. The U.S. first participated in 1956, and in 1984 American entrants won 27 gold, three silver, and two bronze medals.

The finals in Chicago are a "hot food" competition, in which food is cooked, served, and then eaten. To qualify, the chefs had to distinguish themselves at one of five regional "cold food" competitions. In the cold

food contest, a variety of dishes—from huge marzipan dolphins to delicate fillets of meat and fish glazed in aspic and garnished with tiny curled carrots and potatoes carved in the shape of mushrooms—are prepared as elaborately as possible. The key is aesthetics, since none of the cold food is consumed.

"You get the most expensive food money can buy, then throw it all away," says Thomas Catherall, executive chef at the Cherokee Town and Country Club in Atlanta.

Because the food must be prepared and crafted all at once, the chefs work nonstop for several days.

"You can't imagine what it's like to stay up three, four days in a kitchen and to work constantly," says Michael Robins, executive chef at the Hilton in Altamonte Springs, Florida. "I had a chance to sit down and said, 'My God, I haven't sat down in 24 hours.' But it doesn't get any better than this—the highlight of a chef's career."

The entire process—regional competitions, finals, the two years of preparation for the U.S. team, and the trip to Frankfurt—is underwritten by the National Restaurant Association and the American Culinary Federation. The ACF is a professional organization that promotes the restaurant industry. The competition is held under its auspices, including the appointment of judges.

Thirty chefs, six of them pastry chefs, ranging in age from 23 to 46, made it to Chicago last spring. During the four-day finals, six chefs and one or two pastry chefs will occupy the seven kitchens each day. Each chef has only one chance to cook. The



ILLUSTRATIONS BY MADELINE SOREL



kitchens are replicas of the kitchens used in Frankfurt—professional gas stoves, large stainless steel refrigerators, rolling wire racks, and pots, pans, and utensils of every size and description. (The chefs, however, usually bring their own knives, setting them out in neat rows on towels, like surgeon's tools.) Six of the kitchens are identical. The kitchen used by the pastry chefs, who are judged separately, has two ovens in it.

Compared with the marathon cold food competition, the hot food competition is brief—a little more than six hours of continuous effort. The chefs arrive around 5:30 A.M. and are given a "mystery box" of ingredients that they must use to prepare their meals. Usually the boxes contain staples—fish, onions, poultry, beef—but one day they included nasturtium flowers. Not everyone gets the same ingredients, and the competition isn't so cut-throat that chefs don't lend each other a needed carrot or mushroom.

The chefs have half an hour to plan out a menu, which they then post on the door of their kitchens. After that, the race is on. Aided by a lone assistant from a local vocational high school, each chef must prepare 26 identical seven-course meals. Two are served to a panel of judges. The remainder are devoured by hungry journalists and other sponges. Lunchtime is 12:30 P.M.

Now it is a little after 8 A.M. on the last day of the competition and Daniel Hugelier, the executive chef at the Amway Grand Plaza Hotel in Grand Rapids, Michigan, is begging for cream.

"Just two cups, Rich," he asks Rich-

ard Schnieder, a judge in the finals. Schnieder, a stern man in a white lab coat, at first tells Hugelier that he can't have any more cream. He's gotten as much as the others and will have to make do. But Schnieder eventually goes off in search of more.

"He's always giving us a hard time," says Hugelier. "It's all part of the stress test."

The judges, six distinguished chefs, themselves veterans of dozens of foreign competitions, do not sit back and passively wait to make their evaluations. Rather, they are constantly in the kitchens, looking over the chefs' shoulders, taking notes. This inspection has two purposes: It allows the judges to rate cleanliness, usage, and procedure. And it lets them put a little extra heat on the masters of haute cuisine.

"If we notice one chef is under great pressure, even if the food is good, we may feel he won't hold up under two weeks of intensive pressure in Frankfurt," says Baron Galand, the president of the American Culinary Federation and a judge.

Part of Galand's inspection includes sifting through the garbage. "I've already been through every trash can," he says. "Chefs can't be throwing good things away. If they're using mushroom caps, then we ask them what they did with the stems. Usage. That's what's important."

Ferdinand Metz, a judge with a thin mustache and a tight expression, walks into Lawrence Ryan's kitchen. Ryan, a department head at the Culinary Institute of America, continues with his work. Metz looks into the refrigerator, takes a few notes, samples a green bean, and whispers something to Ryan.

Robins, who shows up every day to intently watch the participants, observes Metz through the glass. "He's giving him pressure, as much pressure as possible," he says. "He's doing it in such a way to see what his breaking point is. Wants to see how he reacts to his authoritarian way of helping him out."

"There is very little difference between work habits and final product," Metz says later. "I've very seldom seen people work sloppily and produce high-caliber results. Anyone can do something if they have time and leisure and no pressure. This is a pressure environment. Here they have X number of hours, strange conditions, an unfamiliar kitchen. Can they do the same under these conditions?"

The judges talk tough, but in practice they go easy on the chefs, some of whom they have known for years.

Schnieder returns to Hugelier's kitchen and silently places a single coffee cup, filled with foamy cream, on the counter before Hugelier, who looks down at it. "If my mousse is tough, you tell Ferdinand why," he says evenly. Schnieder shrugs and walks off. But a minute later he is back with a second cup.

Each chef copes with pressure in his own fashion. Ed Leonard, a plump, disheveled chef from Trusthouse Forte in Norwalk, Connecticut, sings happily to himself as he pulls the backbone from a duck for his Duck Soup Hudson Valley. Ruben Foster, a tall, handsome pastry chef, removes a tray of golden brown, maple-leaf-shaped pastry shells from the oven, twirls on one toe with the grace of a dancer, and sets the tray down on the center table, gently kicking the oven door closed behind him.

Chris Northmore, the pastry chef from the Parker House in Boston, chews gum like a pitcher. He wears a floppy cap over his strawberry blond hair, and is the only chef not to wear a toque, the cook's traditional starched white hat. On the counter before him are three bowls of varying sizes, and two scales. The bowls are filled with flaked white chocolate, and Northmore keeps pouring the chocolate from one bowl to another, grimacing, combining and recombining, and weighing the chocolate as if he were trying to solve a math problem. Finally, a particular bowlful satisfies him, and he places it in a pan of boiling water on the stove. Immediately, he



starts slicing strawberries. One strawberry yields eight thin, perfect slices. He arranges three slices in a champagne glass, nudging them gently into position. Then he steps back, jaw working away, and appraises the glass at eye level, like a golf pro lining up a putt. Twenty-five empty glasses await on a tray nearby.

Though constantly in motion, the chefs seldom rush. They always seem to be deep in concentration, as if constructing atomic bombs instead of meals. Periodically, they stop what they're doing and study a situation, hands on hips, faces grim. The assistant, seeing the chef motionless, hurries over to find out what's wrong. Together, chef and assistant stare at, say, a tray of cored apples. Then the chef mutters something to the assistant, and the two snap into action.

Immediately after a mess is made, everything halts until it is cleaned up. The counters remain spotless—nothing is left sitting out in the open. Partially finished dishes are stored on wire racks. After six hours of constant cooking, the kitchens look almost as clean as they did at 7 A.M. Of course, some are cleaner than others, and the judges take notice.

While the chefs sometimes refer to their watches, not one of them uses a timer. Experience allows for shortcuts most amateurs would never contemplate: Hugelier holds a blue Morton canister a foot above a roast and pours an unmeasured white stream of salt. Stacy Radin, the pastry chef at Desserts International, Merion, Pennsylvania, reaches into a 25-pound bag

of sugar and tosses handfuls into a mixing bowl.

But moments of crisis do arise. While Seigfreid Eisenberger, the executive chef at the Opryland Hotel in Nashville, Tennessee, is diligently filling orange-flavored ravioli with duck paste, the pot of duck consommé, unwatched, boils over onto the floor. Chef and assistant gasp simultaneously and rush over to attend to the spill. Eisenberger blows uselessly on the roiling surface of the 10-gallon pot, then turns and begins angrily dicing carrots into splinters, leaving his assistant to sop up the consommé. Fortunately for Eisenberger, the judges, chatting among themselves across the room, don't seem to notice.

Chefs who are not cooking that day hang around, planning strategy and ribbing their fellow competitors.

"These guys are sickening," declares Jeff Gabriel, the executive chef at the Grosse Pointe Yacht Club, in Grosse Pointe, Michigan. "Sea bass and venison! These guys got nice ingredients. I wish I would have gotten that. You always wish you got what the other person did."

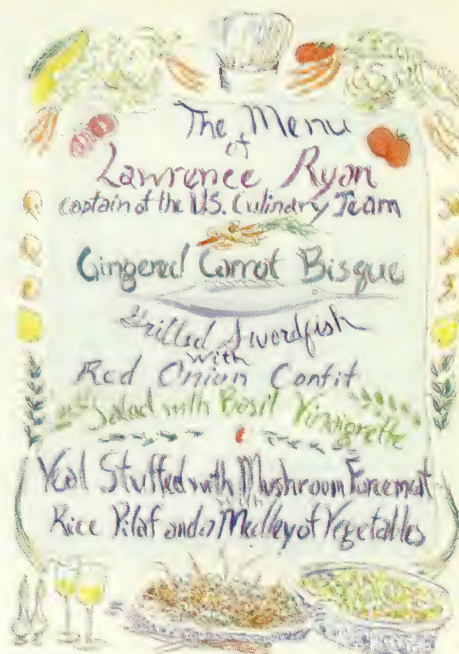
Gabriel points through the glass at Mark Erikson, the chef-manager of St. Andrew's Café, Hyde Park, New York. Erikson is glazing the coveted venison with honey and thyme. "Venison and sea bass. You're sickening!" Gabriel shouts. Erikson looks up, smiles, sticks the thumb of one hand into his ear, and wiggles his fingers.

When the chefs are not watching each other cook, they are eating each other's food. The day after Catherall prepared Cornish game hen, he sits at a table sampling Lawrence Ryan's cooking. But no sooner has he taken a few spoonfuls of the cold carrot bisque than he calls over a busboy.

"Send this back to the chef," he says, suppressing a smile. While waiting for Ryan to receive the insult, Catherall explains that he had tried to find out whether he could bring his own plates, had been unable to get an answer, and ended up using the plates provided. Chefs are sensitive to every nuance of food presentation, and Catherall believes these plates did not display his cooking to its best advantage. "Ryan didn't bother asking," says Catherall. "He just brought his own plates."

Ryan walks over with a big grin on his face. "I heard you did well yesterday," he says, shaking hands. "Almost a gold..."

The strategy employed by chefs is fairly straightforward. It's good to be creative, but not so creative as to risk failure. The menus for the most part



reflect the current trend toward regional cooking: Eastern Shores Sea Bass with Shrimp Leeks, Connecticut Garden Salad, Dumplings Minnesota, Minnesota Wild Rice Soup, Minnesota Bread, Medley of Seafood Back Bay, Seafood Medley Oregon.

Some chefs show off more than others. Thus while Radin turns her white chocolate into mere White Chocolate Mousse, Northmore transforms his into Terrine of White Chocolate Mousse with Raspberry and Vanilla Sauce. And, for good measure, he converts the nasturtiums into a Flower Tart with Fruit Sauce.

In general, the mystery box does not pose much of a problem, since a chef's normal day in a restaurant begins by looking in his refrigerator and then planning a menu around the food on hand.

"I had a general idea of what to do," says Foster, after putting the finishing touches on his last pastry. "If I couldn't make one dessert, I'd make another. I was kind of surprised how smoothly it went."

"The way I looked at it, items I had more of were for the entree, items I had less of were for the appetizer," says Larry Banares, executive sous chef at the Disneyland Hotel, in Anaheim, California.

"Before I came, I already planned on something neutral. I would make a seafood mousse, regardless of what seafood I got," says Tan Hung Heng, executive sous chef at the Waikiki Sheraton, Honolulu, Hawaii. "I had to think a little bit to make some adjustments—I got chicken, I had planned turkey."

There is disagreement as to wheth-



er chefs need to practice for the competition. Robins says he practiced for hours each night after coming home from work.

"If I practiced like that, I wouldn't be married or have a job," says Banares.

"They all have to practice," says Hermann Rusch, a judge. "A jockey has to practice with the horses, a chef has to practice with the carrots."

Gabriel demurs: "Not much you can practice. How many ways can you bake a potato?"

As in any competition, the mood of the contestants is sometimes cynical, and their strategies often pragmatic. After all, only four chefs will be chosen for the national team, with an additional 10 picked to form the regional team, members of which travel to Frankfurt as assistants and to compete independently in certain cold food events. The difference between being on the national team and the regional team is the difference between driving in the Indy 500 and being on the pit crew.

Three off-duty chefs gather in a corner near one of the kitchens. They all wear blue blazers with gold buttons, and none of them wants his or her name used.

"Even though Jeff Gabriel put up real garbage yesterday, he'll be on the team," a chef with an accent says darkly. "I can name you six people who will be on the team no matter what."

"I think there will be surprises," another chef says.

The discussion moves into the realpolitik of the competition: It's a good idea to prepare German food, seeing that most of the judges are German; give the items on your menu vague, general names, so however the food turns out, you'll be safe; no temper tantrums in the kitchen, no looking frantic—a bad attitude will sink you faster than too much pepper; the younger chefs have less of a chance, because they have less experience.

Though the judges deny favoritism, they admit they don't want to try out any novices on the national team, no matter how sublime their food tastes.

"I like to bring them into the support team and evaluate them," says Galand. "Everyone who goes to Frankfurt on the American team was on a previous year's support team. It's a good idea to bring them up that way, almost like a farm team."

As 12:30 P.M. approaches, the action intensifies. Eisenberger, running with a bag of powdered sugar from another kitchen, overshoots his own kitchen and puts on the brakes. "Missed," he

says sheepishly, backtracking. He mixes the sugar into his shallot mustard dressing, pours a bit into a small bowl, and drinks it. This is to be mixed with his "Mélange of Greens," which will accompany such other creations as Duck Consommé with Duck Ravioli, Corn Crêpes, Seafood Medley Oregon (composed of sea bass, sturgeon, and shrimp in a dill sauce), and a Venison Loin "Autumn" on a Bed of Split Peas.

The six judges take their places at a table on a raised, gold-carpeted platform. They all wear white lab coats with red, white, and blue USA CULINARY TEAM patches on the breast pocket. A trio of musicians plays nearby. The first appetizer is served—a shrimp-stuffed pear on a bed of carrots. The judges approach it carefully.

"Very good flavor."

"I liked the smoked shrimp."

"Now that is beautiful."

"Before you cut that up, let me get a taste of the center. Let's see how he's done this."

The judges eat only a mouthful or two of each dish. Television cameras, film crews, and still photographers record every bite. After each course, they make notations on their clipboards and deposit their dirty silverware on a plate covered with a peach-colored napkin. Then they take fresh silverware from a pile in the center of the table and await the next course.

"Very important to have eye appeal," says Roland Schaeffer, a judge who went to Frankfurt with the American team in 1980 and 1984. "If it looks good, you're ahead of the game. Naturally, if it tastes good, too, you have a winner."

Despite the great pomp surrounding the judging of taste, it is the least important factor in the competition. The judges assign 12 points apiece to the categories of Presentation, Creativity, and Workmanship, and only four points to Composition, the category that relates to the actual palatability of the food.

After four days of competition, when all the chefs have displayed their talents, the judges add their hot and cold food scores and divide by two to arrive at the chefs' final scores. Anyone with a 34 or higher qualifies for the 1988 competition, though the judges have considerable latitude when it comes to selecting the final team roster.

When the scores are totaled, Lawrence Ryan has been chosen the captain of the U.S. Culinary Team for



1988. His three teammates are Mark Erikson, Daniel Hugelier, and Hartmut Handke, executive chef at the Greenbrier, White Sulphur Springs, Virginia. The captain of the regional team is Jeff Gabriel, and his nine teammates are Thomas Catherall, Seigfreid Eisenberger, Ruben Foster, Stacy Radin, Chris Northmore, Carolyn Claycomb, chef at Pâtés and Things, Columbus, Ohio, Michael Russell, chef de cuisine at Travis Pointe Country Club, Ann Arbor, Michigan, and Rudolph Speckamp, chef/owner of Rudy's 2900, Finksburg, Maryland.

Those not selected for the team will not be forgotten, however. In culinary competition, there is always tomorrow.

"Yes, I'm very disappointed," says Michael Robins, after the results are announced. "I'll still go to Frankfurt in 1988 as an independent competitor. When you come this far, you can't go back."

He says his cold food scores dragged him down. With a strong stable of hot food chefs from previous years, the judges were looking to boost the cold food effort in Frankfurt.

"I'm still very young," says Robins, who is 23. "Just to go to Chicago was a very big honor. You have to be ready to keep your name up there and be a good sportsman. And I can't rule out that in the next two years they'll need a little help. That has happened before. If not, they better watch out in 1990, because I'm going to be on the team." ■

A free-lance writer living in Chicago, Neil Steinberg suffered two days of acute gastric distress after covering this story.

MIRROR IMAGERY



WHICH PATTERNS REFLECT THE MASTER DESIGNS?

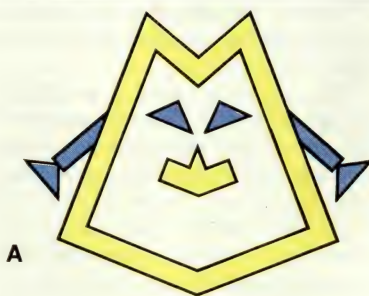
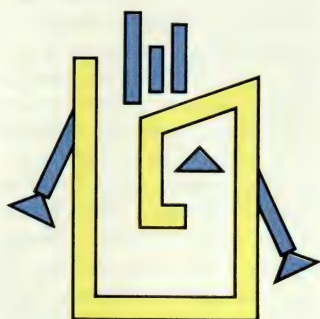
by Marion Walter

The puzzles on these pages, as well as this month's cover puzzle, involve mirror imagery. By holding a mirror vertically (as shown at right) on each of the boxed "Mirror Master" designs, and by rotating the design if necessary, you can form some—but not all—of the patterns A-D to the right of each Mirror Master design. Can you determine which of the images are impossible to form?



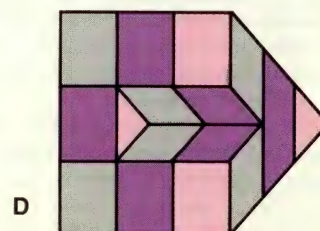
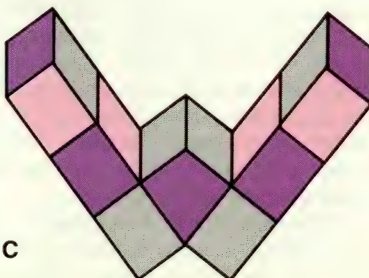
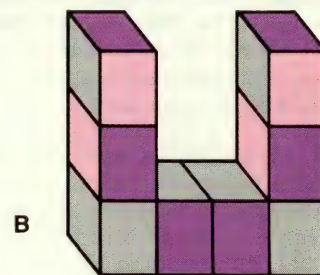
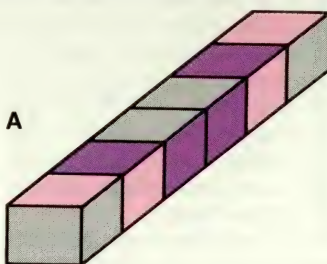
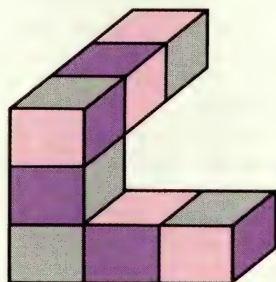
Try solving the puzzles with just your eyes; we recommend using a mirror (or other reflective object, like a table knife) only as a last resort.

SOLVING HINTS, PAGE 60
ANSWERS, PAGE 56



1

MIRROR MASTER

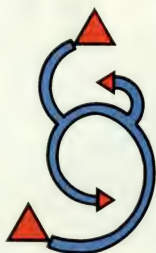


2

MIRROR MASTER

3

MIRROR MASTER



A



B



C

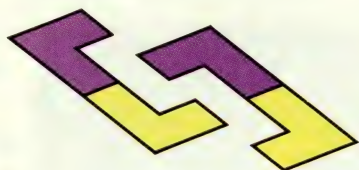


D



4

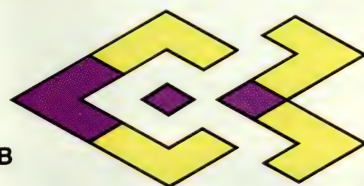
MIRROR MASTER



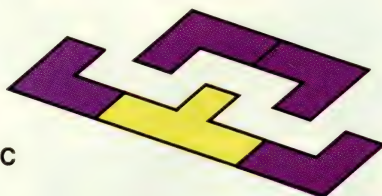
A



B



C

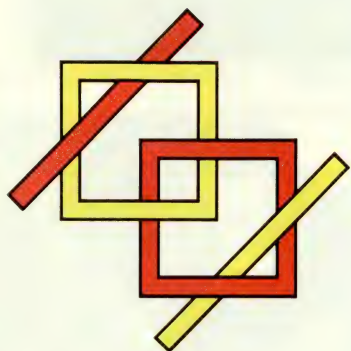


D

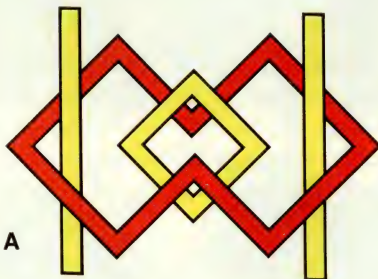


5

MIRROR MASTER



A



B



C



D



WORKING RELATION

IQ tests often include analogy problems, in which the solver must find parallels between relationships. For example, given "Ship is to ocean as camel is to ____," a suitable answer would be "desert." Analogies may be written in abbreviated form like this:

SHIP : OCEAN :: CAMEL : DESERT

The analogy problems on these pages work in the usual way, except that pictures have been substituted for words. For each set of photographs, first identify a relationship between the items shown (which may range from purely visual content to wordplay). Then choose one of the photos labeled A-H below to complete the second part of the analogy. Warning: Two of the possible answers are red herrings.

ANSWERS, PAGE 58

1



:



::



:?

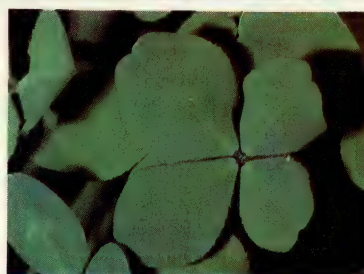
2



:



::

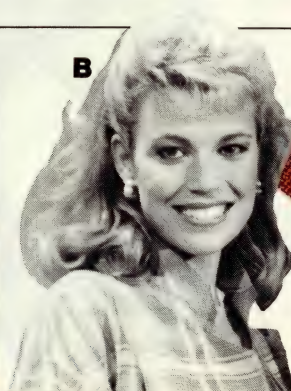


:?

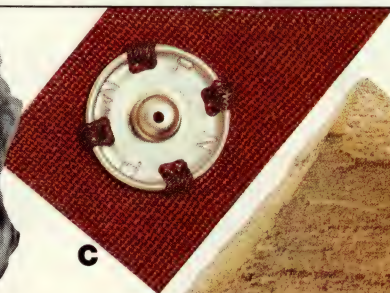
A



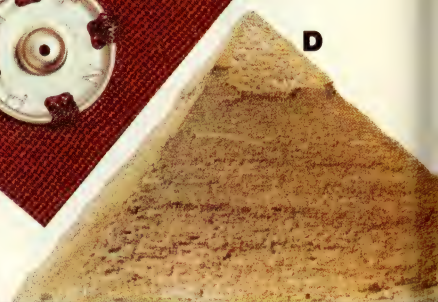
B



C



D

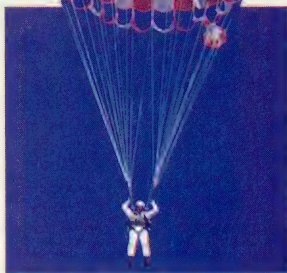


Choose from these images to complete the visual analogies started above. Two of the images will not be used.

SHIPS ^{☆☆}

Six Visual Analogy Puzzles by Wayne Roberts

3



:



::



::?

4



:



::



::?

5



:



::



::?

6



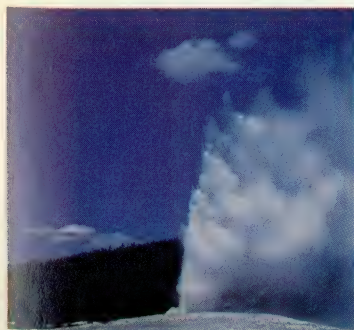
:



::



::?



E



F



G

H



CAMEL FILTERS

Share a new adventure.



Today's
Camel Filters,
surprisingly smooth.

16 mg. "tar", 1.2 mg. nicotine av. per cigarette by FTC method.

SURGEON GENERAL'S WARNING: Smoking Causes Lung Cancer, Heart Disease, Emphysema, And May Complicate Pregnancy.

EDITED BY WILL SHORTZ

PENCILWISE



REVERSE CATEGORIES ★★

BY SCOTT MARLEY

We played a game of Categories the other day. That's the game with a rectangular grid in which a category (like Rivers, Comic Strips, etc.) appears at the top of each column, and a series of letters appears down the side. The object is to fill each box with a word that fits the category at the top of the column and starts with the letter at the side. For example, if one of the categories in the grid below (with letters S-P-I-R-A-L)

were Rivers, you could fill the six boxes in that column with the words SWANEE, PO, INDUS, RHINE, AMAZON, and LOIRE.

We've made a list below of the 36 answer words in our game, but have not named the six categories. Can you identify the categories and arrange the words in the grid? Remember, the words starting with s must all go in the s row across, and so on for the other five letters.

ANSWER, PAGE 57

S						
P						
I						
R						
A						
L						

SEQUOIA	SHAMPOO	SHREWD	SOLE	STANDS	STROKE
PALM	PUTTING	PIGMENT	PLEDGE	POLTERGEIST	PETUNIA
IMPALATABLE	INDIVISIBLE	IRON	INERTIA	INTERIORS	IRIS
RATTLE	RIB	ROCKY	ROUGH	RUSSIA	REPUBLIC
AIRPORT	AMERICA	AMNESIA	APEX	APPENDIX	APPROACH
LAMBASTE	LEG	LIBERTY	LIE	LIFEBOAT	LUSITANIA

A Missing Links Word Search

One thing leads to another in this novelty word search puzzle. Your clues consist of a chain of words in which every other link has been omitted. First, fill in a word in each set of dashes that can be combined with the word before it and the word after it to complete a compound word or a familiar two-word phrase. For example, the word SEARCH can be filled in

the first blank to complete WORD SEARCH and SEARCHLIGHT. Next find and circle the 35 link words in the grid. Each reads vertically, horizontally, or diagonally, but always in a straight line. Note: In order to complete some of the links in the chain, you may find it easier to work backward from grid to clues.

WORD LIST, PAGE 60

ANSWER, PAGE 56

B R I G H C N U P W H H T R I
S B T O H E Y R I N A C A G O
F U U W S H A R P E O T R D S
W S H B E E M N O L S I C T H
E I E R A O A I G T H P T H M
D N D R O C E R A S S N C R I
N E G R S A K E C I T T H E R
M S P R O B B G N H I E G R E
B S T A T I O N N W T R L L D
R O O U R N E I S I E E E I W
U I X S A T S F T A W P E L O
S E D I I V M E S N H A S Y P
H O P R N N I E C A L P R N E
S O N P I G E O N G S O F D T
R A L L A B V T E T A L P E L

CLUES

- 1 WORD SEARCH
- 2 LIGHT _____
- 3 BOARD _____
- 4 SERVICE _____
- 5 WAGON _____
- 6 TRACK _____
- 7 PLAYER _____
- 8 STOOL _____
- 9 HOLE _____
- 10 LINE _____
- 11 TABLE _____
- 12 ELBOW _____
- 13 MONKEY _____
- 14 CARD _____
- 15 SHOOTING _____
- 16 FISH _____
- 17 BOOK _____

- LIGHT
- BOARD
- SERVICE
- WAGON
- TRACK
- PLAYER
- STOOL
- HOLE
- LINE
- TABLE
- ELBOW
- MONKEY
- CARD
- SHOOTING
- FISH
- BOOK
- GLASS

- 18 GLASS _____
- 19 SHADOW _____
- 20 RING _____
- 21 PAINT _____
- 22 FIRE _____
- 23 STORE _____
- 24 FLY _____
- 25 TIGER _____
- 26 WHITE _____
- 27 GUN _____
- 28 PUFF _____
- 29 PARK _____
- 30 KICK _____
- 31 LOG _____
- 32 FEVER _____
- 33 BLACK _____
- 34 DOG _____
- 35 STOP _____

- SHADOW
- RING
- PAINT
- FIRE
- STORE
- FLY
- TIGER
- WHITE
- GUN
- PUFF
- PARK
- KICK
- LOG
- FEVER
- BLACK
- DOG
- STOP
- WORD

EASY ON, EASY OFF ★

BY LOIS SIDWAY

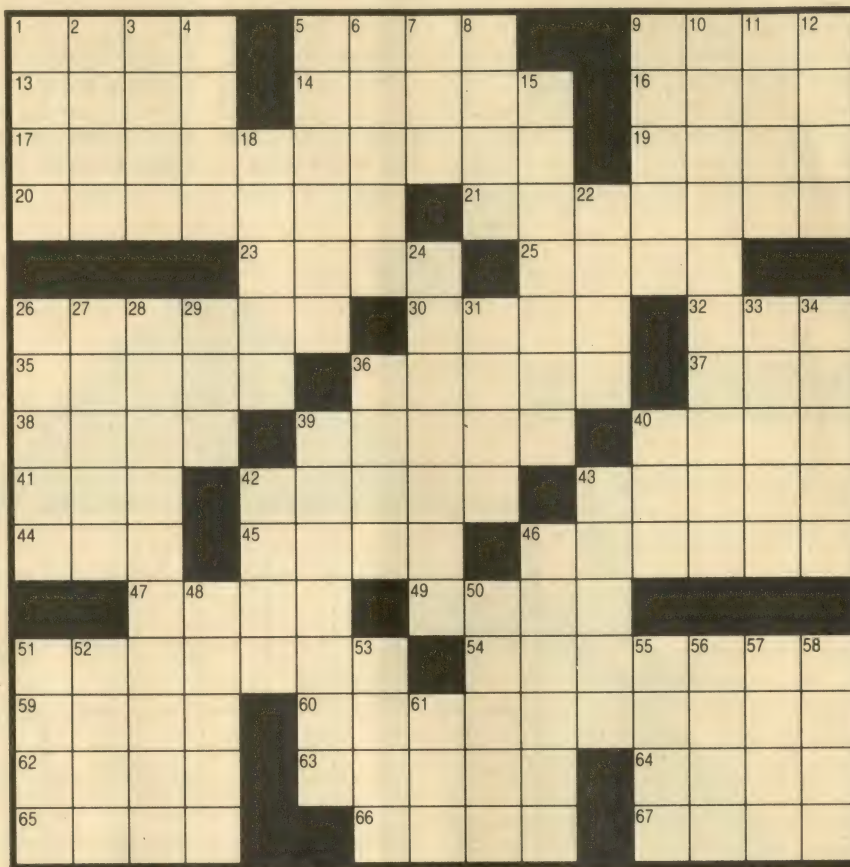
ACROSS

- 1 Papa's mate
5 "... to fetch a ___ of water"
9 Plants seeds
13 Responsibility
14 Prevent, in law
16 Make a sweater
17 All things considered: 3 wds.
19 "___ dog's life": 2 wds.
20 '70s foreign policy
21 Belt material
23 Hardy's ___ of the d'Urbervilles
25 What yeast makes bread do
26 Person in a hurry to get hitched
30 Baking chamber
32 Picnic hamperer
35 Put off till later
36 "___ the Jolly Roger!"
37 Pinocchio's undoing
38 O. Henry's *The ___ of the Magi*
39 Soave and Dubonnet
40 "Deep knee" exercise
41 Play part
42 Took a fancy to
43 Bushed
44 Old stadium cheer
45 Unique soul
46 '60s singer Bobbie

- 47 Breakfast items
49 Shock
51 Jock
54 Perfume
59 Sneaker or oxford
60 Absolutely wacky: 3 wds.
62 Lowly worker
63 Bête ___ (dreaded object)
64 "Country" Slaughter of baseball
65 Name on Fifth Avenue
66 Derrière
67 Stuffing seasoning

DOWN

- 1 "I'm in the ___ for Love"
2 Actress Bancroft
3 Jeff's pal of comics
4 Wimbledon winner Arthur
5 Colonial cupboard display
6 Fireplace residue
7 "Who am ___ say?": 2 wds.
8 Laze about
9 Amateur show sketches
10 Watchful: 3 wds.
11 "A word to the ___"
12 Alpha Centauri, for one
15 Noblewoman
18 Go in
22 "___ She Sweet?"



ANSWER, PAGE 57

- 24 Oklahomans
26 J. ___ Hoover
27 Kodak competitor
28 Freed of blame: 3 wds.
29 Teacher's favorite
31 Contested
33 Forty-___ (Gold Rush participant)
34 Cuddly bear
36 Quarterback's call
39 Mr. Churchill
40 Waste box
42 Opera house seat
43 Edgy
46 Oilman's big strike
48 Shaded valleys
50 Aquarium fish
51 Egyptian snakes
52 "Take ___ Train": 2 wds.
53 "___ effort": 2 wds.
55 Lambs' mothers
56 Zola novel
57 Stop up
58 "Or ___!" (ultimatum)
61 "Shame!"

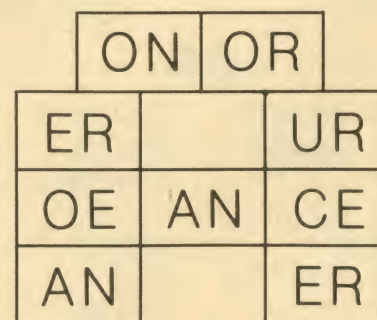
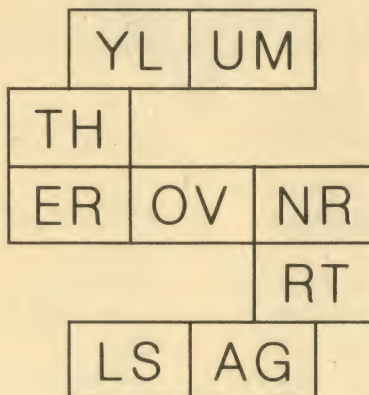
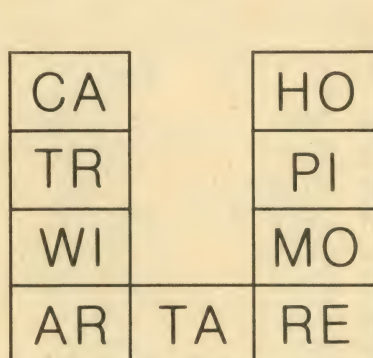
SPLIT TICKET ★

BY WILLIAM McCASKILL

Nine American presidents have had six-letter last names. We've taken each of these names and divided it into three two-letter pieces, putting the first piece in the U below, the

second piece in the S, and the last piece in the A. Can you rejoin the pieces to find the nine presidential names?

ANSWERS, PAGE 56



SQUARE ROUTES ★★★

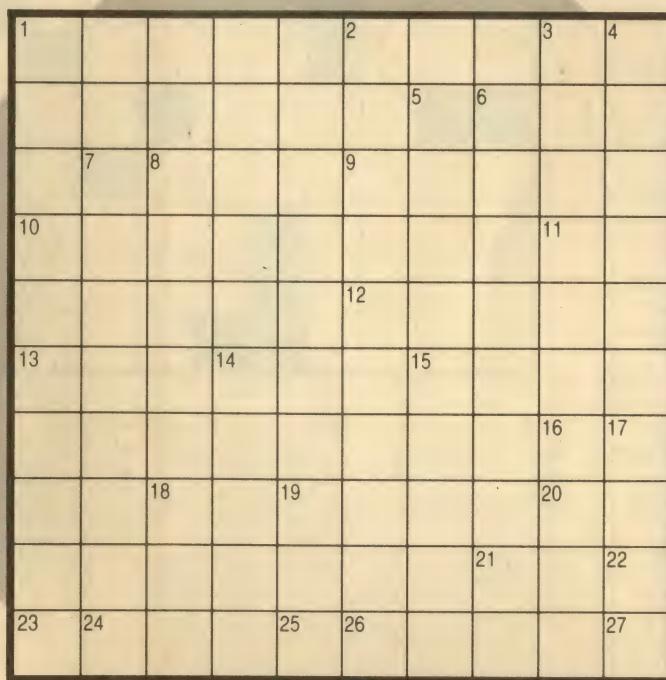
BY WILL SHORTZ

Square Routes is a word game within a puzzle. Each clue consists of two words, one of which is a synonym of an anagram of the other. For example, the clue words RECALL and BASEMENT would lead to the answer CELLAR (an anagram of "recall" and a synonym of "basement"). Either the synonym or the anagram may come first—determining which word is which is part of the puzzle. To solve, first answer as many

clues as you can. Then enter each answer in the grid, beginning in the square corresponding to the clue number and proceeding in any horizontal, vertical, or diagonal direction. (The direction can be determined by logic and by the crossing letters of other answers.) Work back and forth between grid and clues to finish. When you're done, every square in the grid will be filled.

CLUE ANSWERS, PAGE 58

PUZZLE ANSWER, PAGE 56



CLUES

- | | |
|------------|-----------|
| 1 BROADEN | RASPED |
| 2 ASSUME | DIVERTS |
| 3 TURTLES | TRANSPIRE |
| 4 COURSE | MASTER |
| 5 NEST | MAILED |
| 6 COLLAPSE | BAKE |
| 7 ANOINT | REPUBLIC |
| 8 DIRE | MARGINAL |
| 9 ANGLE | REAP |

- | | |
|------------|-----------|
| 10 RELAY | PREMATURE |
| 11 POUND | SHAM |
| 12 CENTER | EARTH |
| 13 SCATTER | PRESIDES |
| 14 LOPE | SPAR |
| 15 SCANTY | SPEARS |
| 16 ATTIRE | MINARET |

- | | |
|---------------|----------|
| 17 SKEPTIC | STAKES |
| 18 SIRE | ASCEND |
| 19 STATE | SAVOR |
| 20 EVENING | THING |
| 21 ADMIRES | PISTOL |
| 22 CLEAN | DELUSION |
| 23 STAR | AUTOCRAT |
| 24 LOAFER | RILED |
| 25 VISION | GENIES |
| 26 ASTUTENESS | PRIEST |
| 27 PLUG | SWALLOW |

Be pencilwise! SAVE UP TO 37%

☐ Please send me 1 year
of Games for only \$15.97
(a 24% saving off the \$21.00
single copy price).

☐ Save even more! 2 years
of Games for only \$24.97
(a 37% saving off the
\$42.00 single copy price).

HYS45

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

☐ Payment enclosed ☐ Bill me later

Allow 6-8 weeks for delivery of first issue.
For foreign and Canadian orders, add \$4.00
per year.

GAMES

Be pencilwise! SAVE UP TO 37%

☐ Please send me 1 year
of Games for only \$15.97
(a 24% saving off the \$21.00
single copy price).

☐ Save even more! 2 years
of Games for only \$24.97
(a 37% saving off the
\$42.00 single copy price).

HYS52

NAME _____

ADDRESS _____

CITY _____

STATE _____

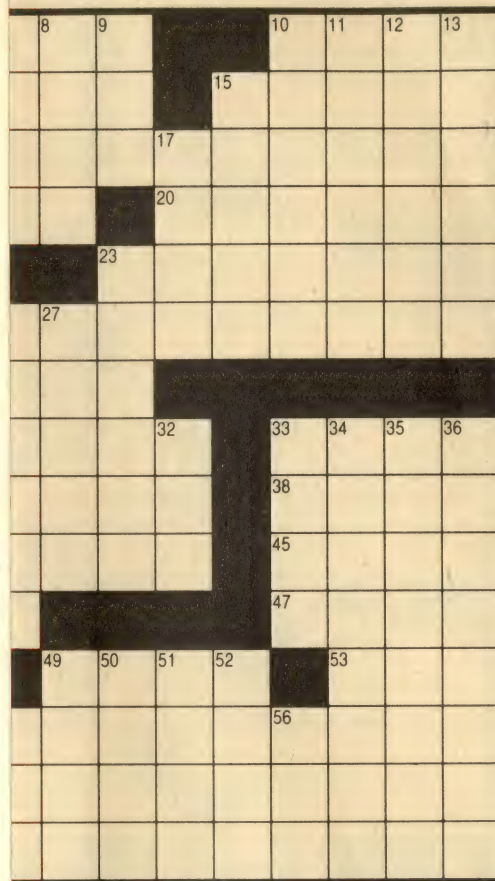
ZIP _____

☐ Payment enclosed ☐ Bill me later

Allow 6-8 weeks for delivery of first issue.
For foreign and Canadian orders, add \$4.00
per year.

GAMES

BY JOSEPH CLONICK



ANSWER, PAGE 57

try): **43** Related on Mom's side **51** Heavenly headgear
44 1985 movie **52** Sandarac tree
for *Williams*
le **49** Here, to José **55** Turf
50 Courage **56** Finis

BY STEPHEN SNIDERMAN

ence "Rita can't find freshly cut _____ half
arged," you'd fill in HAY WORTH (Rita Hayworth).
g of the last names is unchanged in the blanks,
may vary.

ANSWERS, PAGE 58

1. Henny was a _____ when he told his
first joke.

2. Tallulah talked to a _____ about a loan.

3. Alan read about Noah's _____ the Old
Testament.

4. Marlene had a _____ in protein.

5. Marlon thought he saw his raisin _____
weird things when he was hypnotized.

6. Dolly took her first movie _____ a whim.

7. Winston came out of _____ on Sunday
morning.

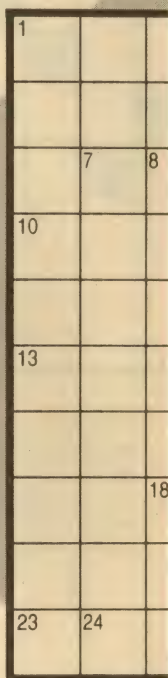
8. Sylvester tried to _____ of the crooks
until the police arrived.

9. Lewis watched the railroad _____ down
the tracks.

10. Larry laughed when he saw the ugly old _____
the kissing booth.

SQUARE ROUTES ★★★

Square Routes is a word game within a puzzle. It consists of two words, one of which is a synonym of the other. For example, the clue word BASEMENT would lead to the answer CELLAR (a "recall" and a synonym of "basement"). Either the clue word or the anagram may come first—determining which is part of the puzzle. To solve, first an



CLUES

- | | |
|------------|-----------|
| 1 BROADEN | RASPED |
| 2 ASSUME | DIVERTS |
| 3 TURTLES | TRANSPIRE |
| 4 COURSE | MASTER |
| 5 NEST | MAILED |
| 6 COLLAPSE | BAKE |
| 7 ANOINT | REPUBLIC |
| 8 DIRE | MARGINAL |
| 9 ANGLE | REAP |

- | | |
|------------|-----------|
| 10 RELAY | PREMATURE |
| 11 POUND | SHAM |
| 12 CENTER | EARTH |
| 13 SCATTER | PRESIDES |
| 14 LOPE | SPAR |
| 15 SCANTY | SPEARS |
| 16 ATTIRE | MINARET |

- | | |
|---------------|----------|
| 17 SKEPTIC | STAKES |
| 18 SIRE | ASCEND |
| 19 STATE | SAVOR |
| 20 EVENING | THING |
| 21 ADMIRES | PISTOL |
| 22 CLEAN | DELUSION |
| 23 STAR | AUTOCRAT |
| 24 LOAFER | RILED |
| 25 VISION | GENIES |
| 26 ASTUTENESS | PRIEST |
| 27 PLUG | SWALLOW |



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

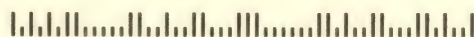
FIRST CLASS PERMIT NO. 6484 DES MOINES, IOWA

POSTAGE WILL BE PAID BY ADDRESSEE

GAMES

P.O. Box 10147

Des Moines, Iowa 50347-0147



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

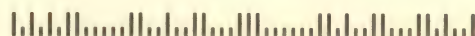
FIRST CLASS PERMIT NO. 6484 DES MOINES, IOWA

POSTAGE WILL BE PAID BY ADDRESSEE

GAMES

P.O. Box 10147

Des Moines, Iowa 50347-0147



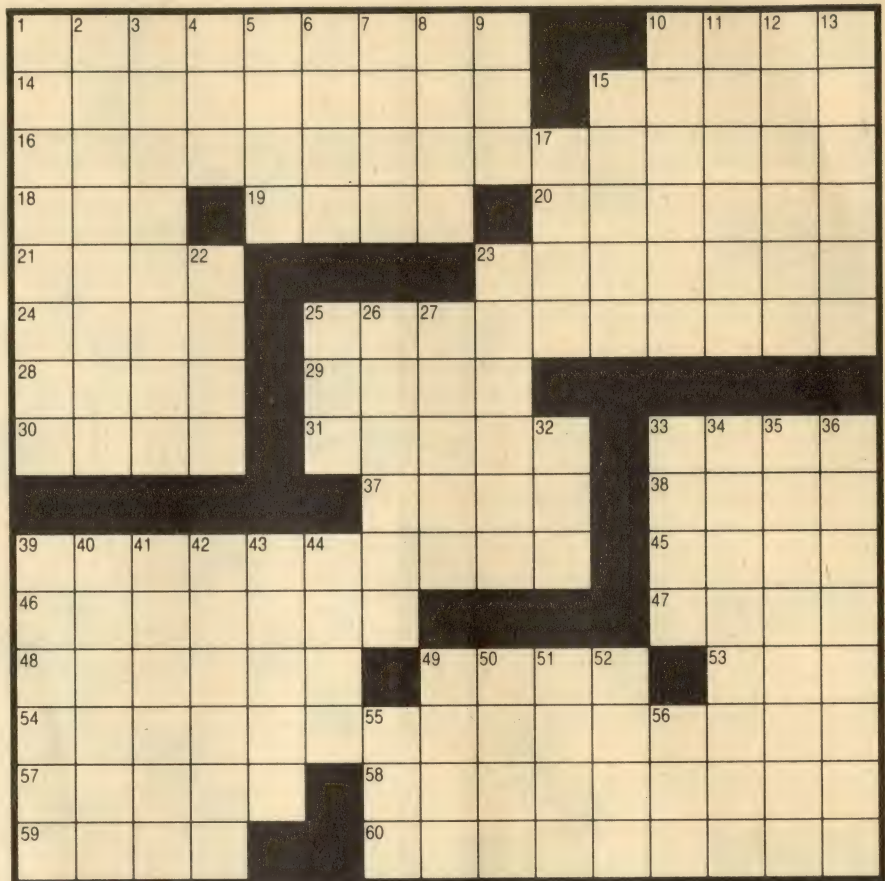
ACROSS

- 1 Bit of bad luck
 10 Bounders
 14 Glenn Miller classic: 3 wds.
 15 Actress Sophia
 16 Do the impossible, in geometry: 3 wds.
 18 Bit of wordplay
 19 Yoked beasts
 20 "Necessity makes an honest man ____": Defoe, 2 wds.
 21 Anderson of *WKRP*
 23 More peculiar
 24 "... ____ o'clock scholar": 2 wds.
 25 Capable of walking
 28 Bennett of *What's My Line?*
 29 Sleuth Wolfe
 30 Exxon predecessor
 31 Sound while sound asleep
 33 Crew's needs
 37 Surgical needle
 38 Worry
 39 *Friday the 13th* setting: 2 wds.
 45 Greek cheese
 46 Learner
 47 French-German river
 48 Notorious F.B.I. "sting"
 49 ____ Khan
 53 *Op.* ____ (footnote abbreviation)

- 54 Starting-over phrase: 4 wds.
 57 American chameleon
 58 Alien
 59 Head of France?
 60 Ailments

DOWN

- 1 Lose, temporarily
 2 "Like this clue": 2 wds.
 3 Striking beauties
 4 Tea in China
 5 Damsel rescuer
 6 One of the stock exchanges
 7 Fa or la
 8 Attorney Roy
 9 Dutch town of crossworddom
 10 Trumpet's cousin
 11 Citation's jockey
 12 Researcher, at times
 13 Prone to villainous expressions
 15 ____ *Virgin* (Madonna hit): 2 wds.
 17 Net cap
 22 Data
 23 Business meeting number
 25 Solution: Abbr.
 26 Dennis, e.g.
 27 Sagan's book ____'s *Brain*
 32 Sixth sense, for short
 33 Does in



ANSWER, PAGE 57

- 34 Long distance prefix: 2 wds.
 35 Orthodontic device
 36 Race officials with pistols
 39 Take a ____ (try): 2 wds.
 40 Polished
 41 MGM's Leo, for one
 42 Much, old-style
 43 Related on Mom's side
 44 1985 movie ____ Williams
 49 Here, to José
 50 Courage
 51 Heavenly headgear
 52 Sandarac tree
 55 Turf
 56 Finis

COMPOUND INTEREST ★★

BY STEPHEN SNIDERMAN

Each sentence below tells a little story about a famous person whose first name begins the sentence. By breaking the celebrity's last name into two pieces, each a word, you'll be able to fill in the blanks to complete the story. For example,

1. Henny was a ____ when he told his first joke.
 2. Tallulah talked to a ____ about a loan.
 3. Alan read about Noah's ____ the Old Testament.
 4. Marlene had a ____ in protein.
 5. Marlon thought he saw his raisin ____ weird things when he was hypnotized.

given the sentence "Rita can't find freshly cut ____ half the money charged," you'd fill in HAY WORTH (Rita Hayworth). Though spelling of the last names is unchanged in the blanks, pronunciation may vary.

ANSWERS, PAGE 58

6. Dolly took her first movie ____ a whim.
 7. Winston came out of ____ on Sunday morning.
 8. Sylvester tried to ____ of the crooks until the police arrived.
 9. Lewis watched the railroad ____ down the tracks.
 10. Larry laughed when he saw the ugly old ____ the kissing booth.

Last month we presented five brainteasers from the popular new Polish puzzle magazine *Sam na Sam*. This month, as promised, we present a new collection from the same

source. The puzzles range from fairly easy (for example, #1 and #2) to fairly tricky (#4 and #5). Not many solvers, we dare say, will master them all.

ANSWERS, PAGE 60

1. PUZZLED POSTMAN

Mr. Kowalski was expecting a package, so he tacked the following note to his door:

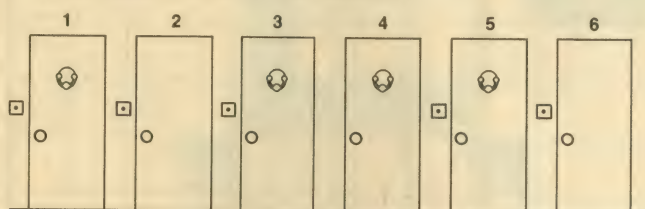
"The doorbell on my apartment doesn't work. If you want to leave a package, use the knocker."

"If nobody answers, ring the doorbell of my neighbor next door."

"If no one answers there, try my sister's at apartment 2."

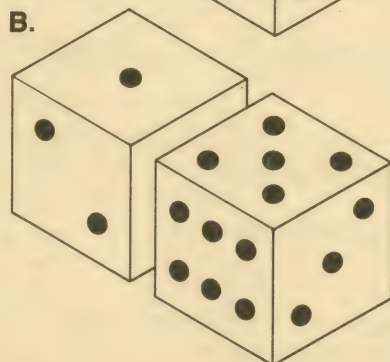
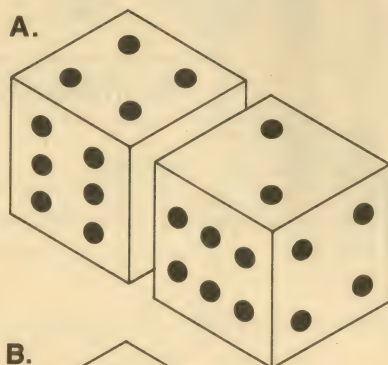
When the postman arrived with the package, he found the note had fallen to the floor, and he couldn't tell which door it had been pinned to. Nevertheless he was able to deliver the package correctly.

Which apartment is Mr. Kowalski's?



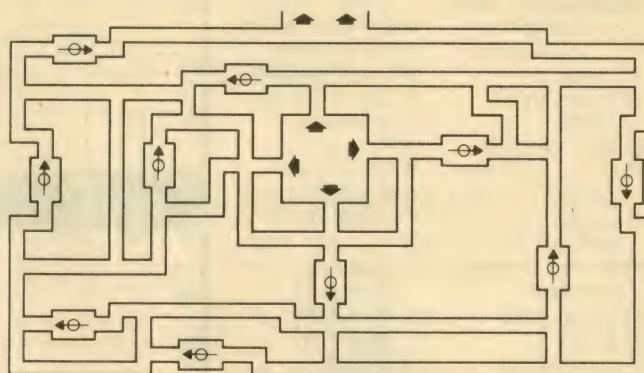
2. TAKING SIDES

The two dice in each pair below are identical. As usual, the numbers on opposite sides of each die add up to seven. On each pair, what is the total of the two hidden sides that face each other?



3. LABYRINTH

Can you find a route out of the labyrinth, starting in the center room and passing through each of the arrows in the direction indicated? Do not pass through any corridor or intersection more than once.



4. TUNNEL VISION

A train passes through a long tunnel in the mountains. The train is 125 meters long, and travels at 40 kilometers per hour.

Just as the last car is completely inside the tunnel, a man begins walking from the end of the train to the front. He walks at 5 kilometers per hour and reaches the front of the train just as it emerges into the daylight.

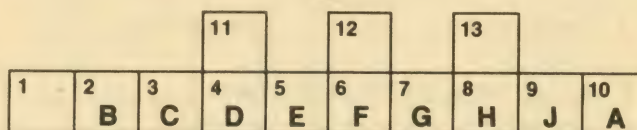
How long is the tunnel?



5. RANK AND FILE

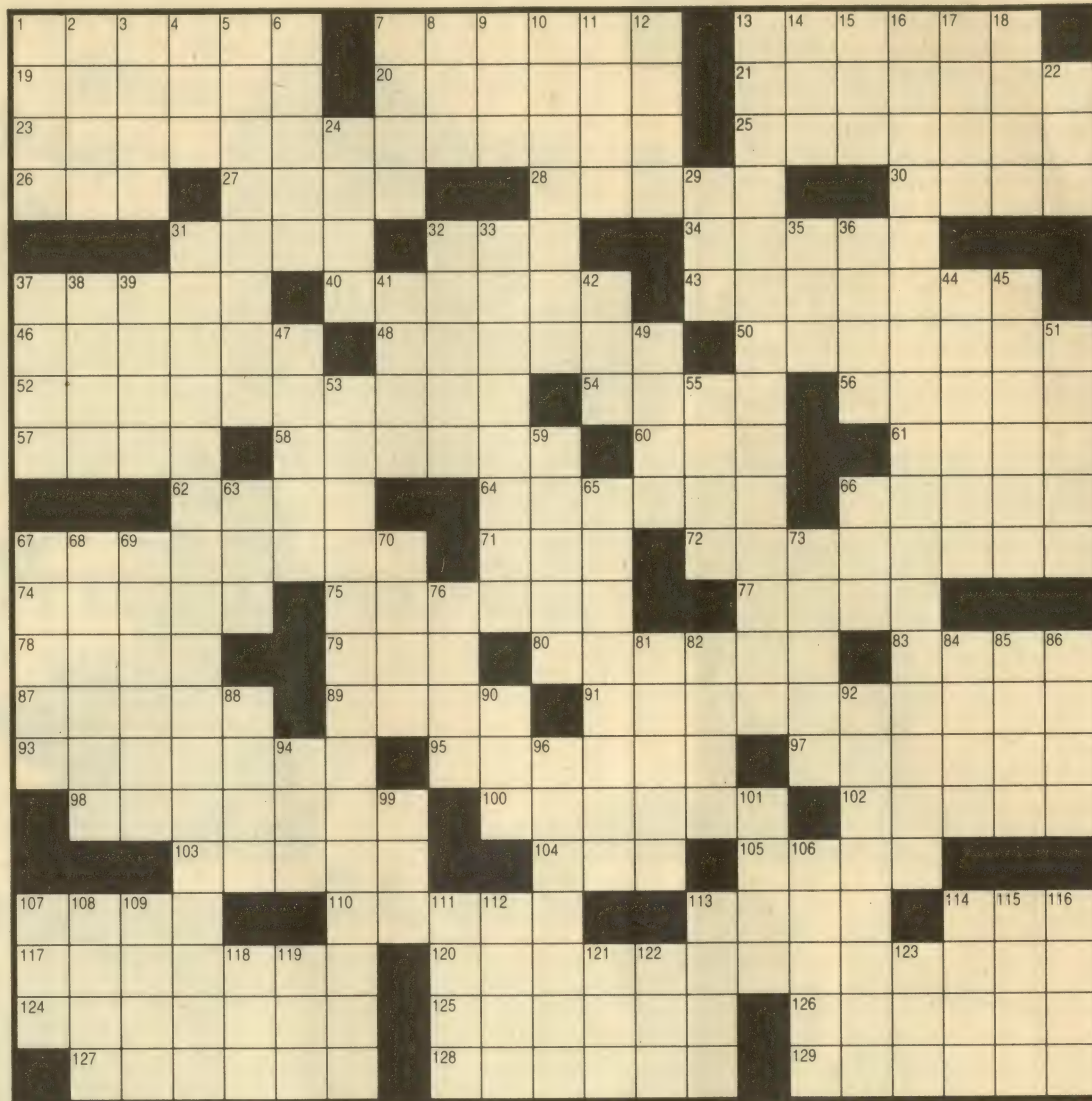
Nine soldiers are in a trench too narrow for them to pass by each other. Each space in the trench, as shown below, is just large enough for one soldier. However, there are three niches into which a man can fit, allowing another to squeeze by.

Sergeant A (space 10) has just received orders to go to the front of the trench (space 1) while moving the other soldiers as little as possible. What is the smallest number of moves it can take him to reach the front and return the other soldiers to their original positions? Moving a soldier counts as one move no matter how many spaces he travels.



ACROSS

- 1 Laughed out loud
- 7 Person who can be removed?
- 13 Flay
- 19 Jane, on *Falcon Crest*
- 20 Actress Golonka
- 21 Makes suitable
- 23 Sentences ending "... or else!"
- 25 Have will power?
- 26 Direction suffix
- 27 Thug
- 28 Driving force
- 30 Algonquin language
- 31 Talk back to
- 32 Oklahoma city
- 34 Revenuer's evidence
- 37 Michael of Monty Python
- 40 Pigeon type
- 43 ___ as a goose
- 46 Imagoes, e.g.
- 48 Slew
- 50 ___ spade a spade
- 52 Effect of Presidential procrastination?
- 54 Wife of Jacob
- 56 Tonder toast
- 57 Expects an answer
- 58 Wins and losses
- 60 Résumé data
- 61 Drop
- 62 Skater Babilonia and others
- 64 Oracle's locale
- 66 ___ mind (agreeing)
- 67 Earmark
- 71 Good Feeling, e.g.
- 72 Measures up
- 74 Sucker
- 75 Neural change caused by stimulus
- 77 Desiccated
- 78 Bankrupted
- 79 Dah preceder
- 80 Packaging protectant
- 83 Fellow
- 87 Regional birdlife
- 89 Land in the water
- 91 Facts sans embellishment
- 93 I is; you is, too
- 95 Anticipatory, maybe
- 97 Takes care of
- 98 Surrounds, old-style
- 100 V-shaped insert



ANSWER, PAGE 57

DOWN

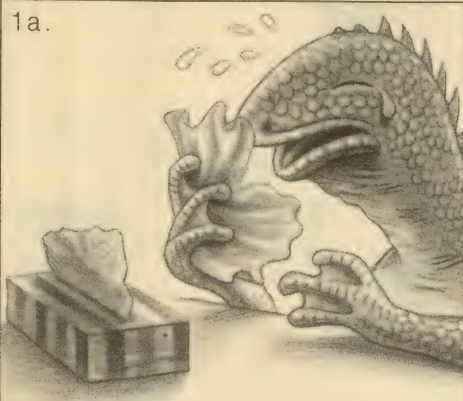
- 102 Man of many parts
- 103 Rugby scores
- 104 Pot, or its contents?
- 105 Causing gooseflesh
- 107 Out there somewhere
- 110 Splendid
- 113 Utah flower
- 114 Barber's challenge?
- 117 NBC western, 1959-63
- 120 Enigmatize
- 124 Profs, after exams
- 125 Preserve, as fodder
- 126 Kitchen gadget
- 127 Foo yung
- 128 Be a pain in the neck
- 129 Insidious insect
- 22 Very good *femme*: Abbr.
- 24 "Nonsense!"
- 29 Explorer Johnson
- 31 Wealthy purchasers
- 32 Senator Alfonse D'___
- 33 Mess
- 35 World labor grp.
- 36 Places: Abbr.
- 37 Hemingway sobriquet
- 38 Fussess
- 39 Lady in Atlantic City?
- 41 No great sheiks?
- 42 Toothpaste type
- 44 Some instant replays
- 45 Taxi driver
- 47 Groove
- 49 Hop, skip, or jump
- 51 *Das ist etwas* ("nothing new"): Ger.
- 53 Special right
- 55 Moslem VIP
- 59 Disinfect, in a way
- 63 Kohl's exclamation
- 65 Layered
- 66 "___ the fields we go..."
- 67 Journalist Joseph
- 68 Decoy, in Dijon
- 69 "Imagine" singer
- 70 Hazzard County lawman
- 73 Beginnings
- 76 Prospector's prospect?
- 81 R&B-rock mix
- 82 Terrier type
- 84 Sack
- 85 Bulldog of comics
- 86 Mr. Heyerdahl
- 88 Evening in Paris
- 90 Little work
- 92 Aromatic blooms
- 94 Spoonbender Geller
- 96 Survive
- 99 Away from NNW
- 101 Prove abundant
- 106 Memphis's site
- 107 H.S. math
- 108 Monte Carlo pastime
- 109 Composer Khachaturian
- 111 Verdon of Broadway
- 112 "Rule Britannia" composer
- 113 Snick's mate
- 114 Diner offering
- 115 Some bank deposits?
- 116 Pile to be burned
- 118 Baseball's Ott
- 119 Pique
- 121 Refueling place
- 122 "___ be!"
- 123 Ball balancer

CARTOONERISMS ★☆

If you've ever said something like "bee throttles" when you meant to say "three bottles," then you're already familiar with the spoonerism. That's the accidental switching of the initial sounds of two words to make a new and often silly-sounding phrase. Each pair of drawings on these two pages suggests such a set of spoonerized words. For example, picture 1a shows a *weeping lizard*, while picture 1b shows a *leaping wizard*. The other pairs are equally likely to bend your mind . . . or, if you prefer, mend your bind.

ANSWERS, PAGE 56

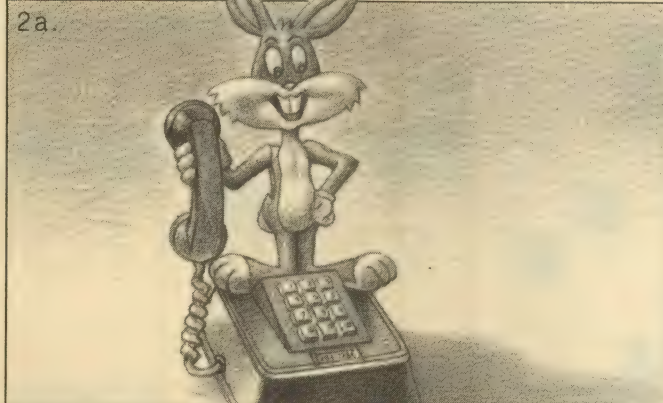
1a.



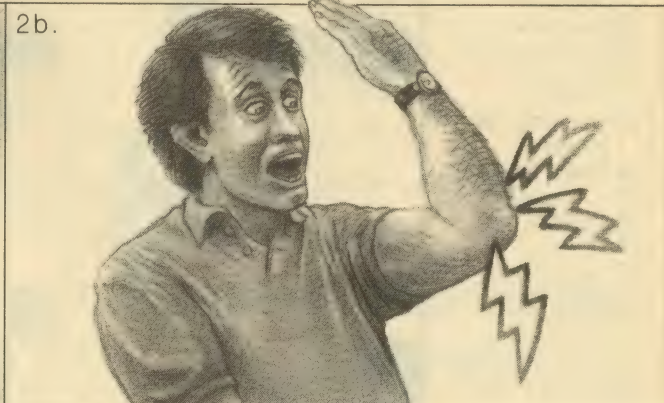
1b.



2a.



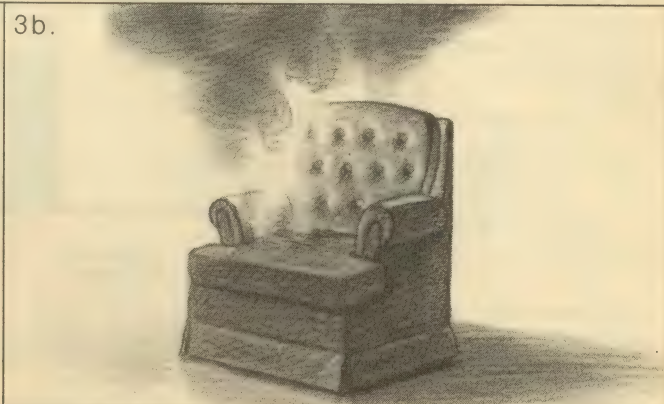
2b.



3a.



3b.



4a.



4b.



Search and Save!

(SUBSCRIBE NOW)

(9 X ISSUES A \$ 11.97)

(18 X ISSUES L \$ 19.97)

GAMES

- ☐ Please send me 9 issues of Games for only \$11.97 (a 24% savings off the \$15.75 single copy price)

Name _____

Address _____

- ☐ Save even more! 18 issues of Games for only \$19.97 (a 37% savings off the \$31.50 single copy price)

City _____ State _____ Zip _____

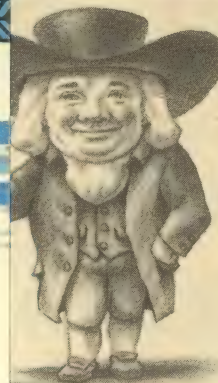
☐ Payment enclosed ☐ Bill me later

Allow 4-8 weeks for delivery of first issue. For foreign and Canadian orders add \$3.00 for 9 issues offer and \$6.00 for 18 issues offer.

FOR FASTER SERVICE, CALL TOLL FREE 1-800-852-5000 EXT. 664

HYS11

AND ILLUSTRATED BY GREG SCOTT



Search and Save!

(SUBSCRIBE NOW)

(9 X ISSUES A \$ 11.97)

(18 X ISSUES L \$ 19.97)

GAMES

- ☐ Please send me 9 issues of Games for only \$11.97 (a 24% savings off the \$15.75 single copy price)

Name _____

Address _____

- ☐ Save even more! 18 issues of Games for only \$19.97 (a 37% savings off the \$31.50 single copy price)

City _____ State _____ Zip _____

☐ Payment enclosed ☐ Bill me later

Allow 4-8 weeks for delivery of first issue. For foreign and Canadian orders add \$3.00 for 9 issues offer and \$6.00 for 18 issues offer.

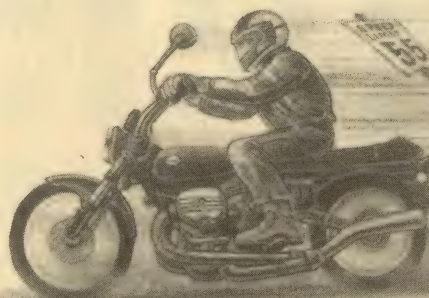
FOR FASTER SERVICE, CALL TOLL FREE 1-800-852-5000 EXT. 664

HYS29

8a.



8b.



CARTOONERISMS ★★

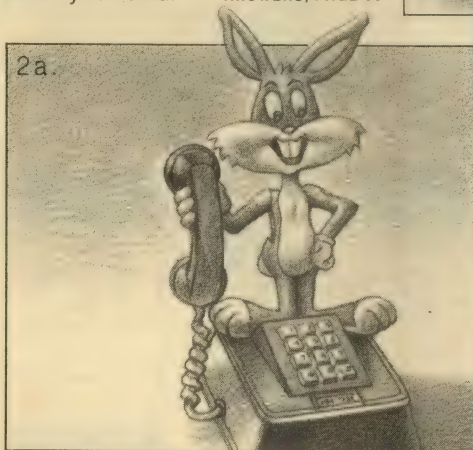
If you've ever said something like "bee throttles" when you meant to say "three bottles," then you're already familiar with the spoonerism. That's the accidental switching of the initial sounds of two words to make a new and often silly-sounding phrase. Each pair of drawings on these two pages suggests such a set of spoonerized words. For example, picture 1a shows a *weeping lizard*, while picture 1b shows a *leaping wizard*. The other pairs are equally likely to bend your mind . . . or, if you prefer, mend your bind.

ANSWERS, PAGE 56

1a.



2a.



3a.



4a.



4b.



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 6484 DES MOINES, IOWA

POSTAGE WILL BE PAID BY ADDRESSEE

GAMES

P.O. Box 10147

Des Moines, Iowa 50347-0147



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 6484 DES MOINES, IOWA

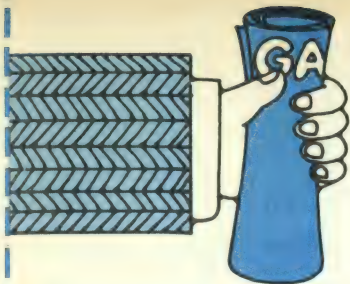
POSTAGE WILL BE PAID BY ADDRESSEE

GAMES

P.O. Box 10147

Des Moines, Iowa 50347-0147





SHARE
THE
FUN...
GIVE



AND ILLUSTRATED BY GREG SCOTT

GAMES

1 year (12 issues) only **\$15.97**

Each additional gift **\$11.97**

SEND BILL TO:

NAME _____

ADDRESS _____

CITY _____ STATE ____ ZIP _____

☐ Also enter
or extend
my own
subscription
at this rate.

SEND GIFT TO:

NAME _____

ADDRESS _____

CITY _____ STATE ____ ZIP _____

*Please allow 4-8
weeks for delivery
of first issue.*

*For foreign and
Canadian orders
add \$4.00 per
subscription.*

SEND GIFT TO:

NAME _____

ADDRESS _____

CITY _____ STATE ____ ZIP _____

*List additional
gifts on separate
sheet and enclose.*

☐ Payment enclosed. ☐ Bill me later.

Charge to: ☐ Visa ☐ MasterCard

Expiration Date: _____ Account #: _____

Signature _____

FOR FASTER SERVICE, CALL TOLL FREE 1-800-852-5000 EXT. 662

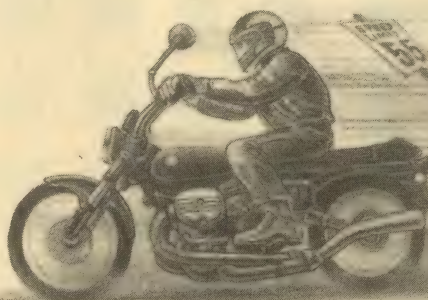
WYS13



8a.



8b.



CARTOONERISMS ☆☆

If you've ever said something like "bee throttles" when you meant to say "three bottles," then you're already familiar with the spoonerism. That's the accidental switching of the initial sounds of two words to make a new and often silly-sounding phrase. Each pair of drawings on these two pages suggests such a set of spoonerized words. For example, picture 1a shows a *weeping lizard*, while picture 1b shows a *leaping wizard*. The other pairs are equally likely to bend your mind . . . or, if you prefer, mend your bind.

ANSWERS, PAGE 56

2a.



3a.



4a.



4b.



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 6484 DES MOINES, IOWA

POSTAGE WILL BE PAID BY ADDRESSEE

GAMES

P.O. Box 10147
Des Moines, Iowa 50350-0147

**ATTENTION:
GIFT DEPT.**

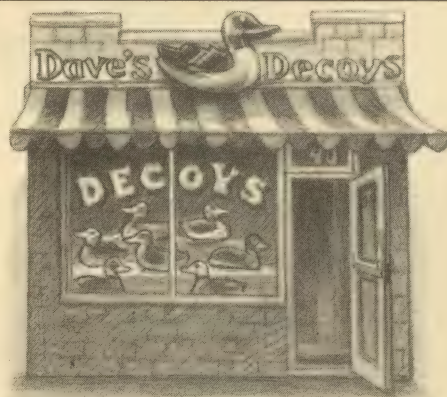
5a.



5b.



6a.



6b.



7a.



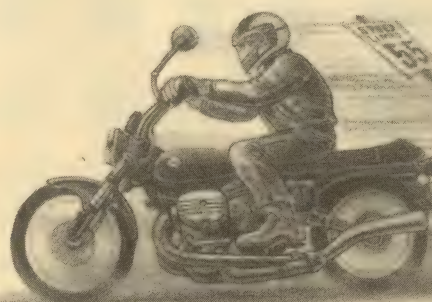
7b.



8a.



8b.



Below are six lists of related words and phrases that have been translated into simple cipher alphabets. The letter substitutions remain constant within any one group of words (for instance, if v represents g in one word, it will represent g in all

the words in that list). A tip to new solvers: Start by thinking of answers that might fit one of the categories; then see if any enciphered words in the list fit that letter pattern. The theme of the sixth list has been left for you to discover.

ANSWERS, PAGE 56



1. AT A HOTEL

Example: Luggage

QVTBRNQZNBFSF
QSSP RVQOBYV
"XS FSN XBRNIQW"
TBXVSF'R WBWCV
ASFVMPSSF RIBNV
KZDV-IG YZCC
XSIWCV SYYIGZFYM
YAVYD-SIN NBPV
FBTAN YCVQD
CSWWM



2. FAMOUS FADS

Example: Hula-hoop

JFH VUDSG
LUUZ VACXG
GHVFESACX
FRFJTECH BUSFG
WREXJURF-GAHHACX
QERRFO HERS
VIYAS'G DIYF
YUYYO GUDSG
HUXE JEVHO
HVAQAER JIVGIAH



3. COLLECTIBLES

Example: Paperweight

PUBMP WUUQ
OJSMEZV PAUPQ
YOYV FSOBI
SCVOSVY IAOTWMAA
UAL PUMJ
BUGMV IUFSVY
OZSUNYOIC
POBIOMNJ WZSSUJ
YVPUYL OAWZB
WOFVWOAA POYL



4. CRAYOLA COLORS

Example: Lemon yellow

GVQXVBZTX AZXM
PVESTX
AFQZCZXMEF
YQZGM QFW
YJQXB PZFXXV
SJEYFQQI
QVC JSYFQ
VKJVSQZXF
BJQKJTZPF YEJF
OTEFXQTW



5. MYTH OR REALITY?

Example: Loch Ness Monster

WTGYUZ IRSQDMI
LDUKRT KDTDVRKPG
VBTKDMZDYIKI
MDYUQRMURKYBU
RKTRUKYI
KDTDEYUDIYI
XDMLSOR KMYRUZTD
RXBLYURXTD IUBJLRU
QTRYMFBGRUQD
SUYQBMUI



6. MYSTERY LIST

What do they have in common?

DXASI
AISAXS YFVX
SXZXSXX'M MEQSG
PILUH PILX
MBTLB
IRXSQPIL ZVIJ
YSQMFLXS'M TLQZFSR
AQVVQISU AIVV
GFFGEYIMGX
EQJECIH

CRYPTIC CROSSWORDS ★★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between parts is the key

to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

ANSWERS, PAGE 58

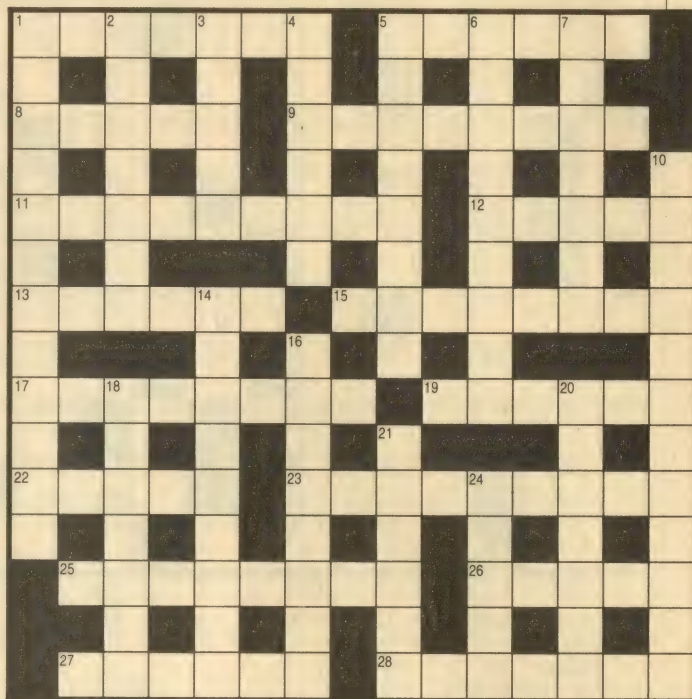
PUZZLE 1 BY FRANCES YANG

ACROSS

- 1 Well-liked Arctic bear has turned up inside (7)
 5 Bear witness at trial (6)
 8 Done time, it's plain to see (5)
 9 Flexible seams use rubber? (8)
 11 Roman emperor enters confused, lousy in a burdensome way (9)
 12 Posed holding fashionable Valentine, perhaps (5)
 13 Fat tackle holds offense (6)
 15 Delight from an actor's appearance onstage (8)
- 17 Hawaiian misplaced leis—darn! (8)
 19 Requesting a small ruler (6)
 22 Troubled reign in African nation (5)
 23 Win the Tet Offensive in this century (9)
 25 Adhesive labels for front of spades and hearts (8)
 26 Brutal one has a claw (5)
 27 Try streets for secret meetings (6)
 28 Lined up in a dreary arrangement (7)
- 3 Left Mr. Preminger a game of chance (5)
 4 Miser's carelessly negligent (6)
 5 Analyzing, as a proverb (8)
 6 Fluctuating rates involving certain prizes (9)
 7 Speaker's opening noises disrupted meeting (7)
 10 Braced to send the rent slips—about \$1000 (12)
 14 Ray, initially going through lenses, gets smaller (9)
 16 Pagans from Greek city supporting that man (8)
 18 The girl, after exercising, is not so heavy (7)
 20 Allied maneuvers on Fourth

DOWN

- 1 Acts of incitement for professional careers (12)
 2 Current gift (7)



of July done perfectly (7)

21 Wild praise for Iran (6)

24 Treat: mashed potato (5)

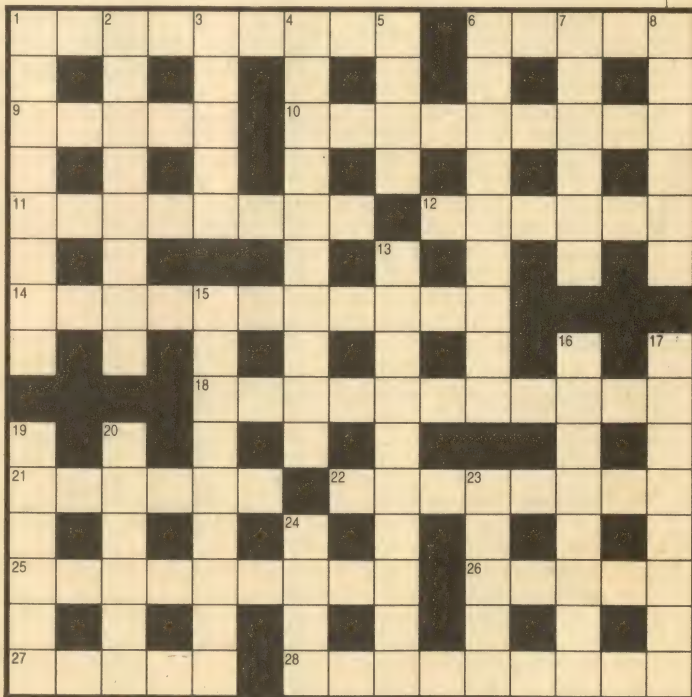
PUZZLE 2 BY MERL REAGLE

ACROSS

- 1 Police Dept. has Belushi cuffed and printed (9)
 6 A prank against leader of community (5)
 9 Part that is for a doll (5)
 10 Fix damage with Cheer—complicated procedure (9)
 11 In favor of iron and its yields (8)
 12 Scrap of flag has town in shock (6)
 14 Phil Foster's hassled by thieves (11)
 18 U.S.-Arab truce disturbed officials (11)
 21 Britain once put prime minister back in Ireland (6)
- 22 Poor farmer has piece of hunting bird (8)
 25 It's possible to find a Taco Bell being remodeled (9)
 26 Mentioned comedian Richard earlier (5)
 27 Prosecutor embarrassed to be challenged (5)
 28 Mincing the garlic is dull (9)
- 5 Boxers perform before thousands (4)
 6 Pain reliever for Angelica's disorder (9)
 7 God of thunder sits on weapon chest (6)
 8 Most of chess is grasping at rooks (6)
 13 Chatted nervously about men's aloofness (10)
 15 Rescued in '51 and denounced (9)
 16 Fellow getting mellow from running (8)
 17 Deep smash... tie score (8)
 19 The Deep opened and closed (6)
 20 Summaries drawn up for typewriter feature (6)

DOWN

- 1 Treaty is enthralling if one's a peacenik (8)
 2 John Rambo, hot-shot (8)
 3 Girl caught by fire net (5)
 4 Perhaps free her, too? That's up to NOW (10)



23 Cry of discovery about a record's

beginning (5)

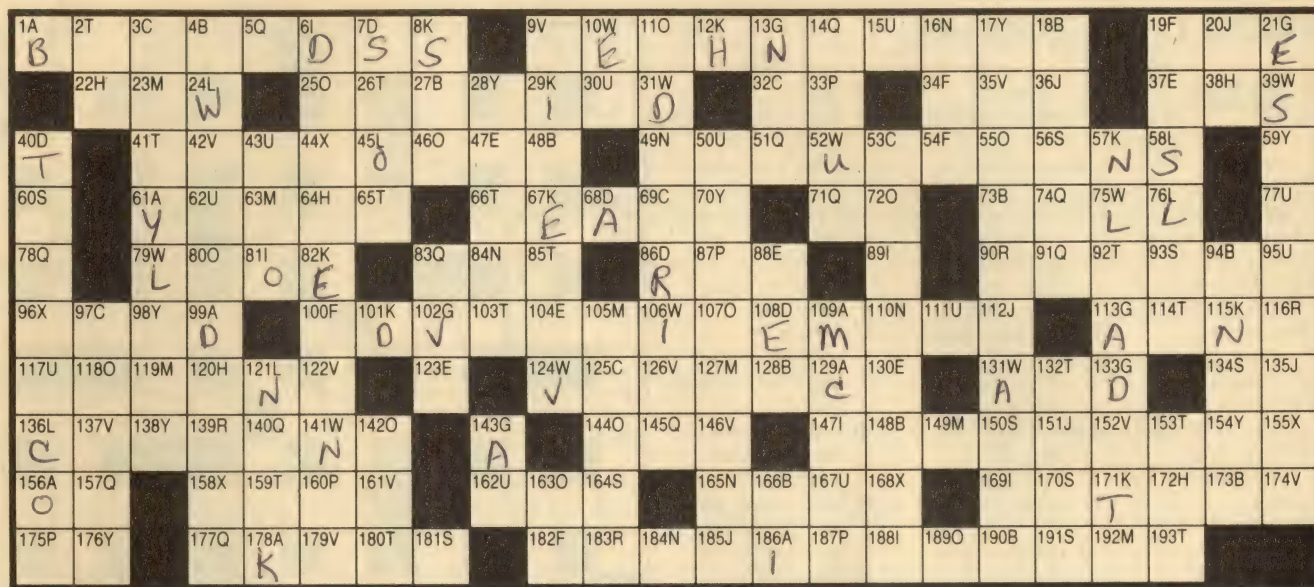
24 Put a tag on

headless murder victim (4)

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation.

ANSWER, PAGE 57



A. Captain Ahab's nemesis (2 wds.) MOBY DICK
109 156 1 61 99 186 129 178

B. Caribbean possession of Cuba (3 wds.) 4 18 48 190 166 73 27 173 128
148 94

C. Three Rivers and Shea, e.g. 3 32 53 69 97 125

D. Rude gaze 7 40 68 86 108
STARE

E. Pioneer of U.S. Dadaism (2 wds.) 37 47 88 104 123 130

F. Rose oil 19 34 54 100 182

G. Home of Carson City 13 21 102 113 133 143
NEVADA

H. Spanish water wheel 22 38 64 120 172

I. Avoided, as the draft 6 81 89 147 188 169
DO D

J. Runback of a football kick 20 36 112 185 151 135

K. Sondheim song, a 1975 hit by Judy Collins (3 wds.) (with word "L") 8 82 115 101 29 57 171 12 67
SEND IN THE

L. See "K" 136 76 45 24 121 58
CLOWNS

M. Pariah 23 63 105 119 127 149 192

N. Islamic temple 165 84 49 184 16 110

O. L.A. Laker Earvin, twice NBA playoff MVP (2 wds.) 189 25 142 55 11 144 80 163 46
107 72 118

P. Highly unusual, *n'est-ce pas?* 33 87 160 187 175

Q. Nickname for the Penn State eleven (2 wds.) 5 14 51 71 74 78 83 91 140
145 157 177

R. 1985 Chuck Norris flick (with Word "S") 90 116 139 183

S. See "R" (2 wds.) 56 60 93 134 181 164 191 150 170

T. Northern Michigan, to a native (2 wds.) 2 26 41 65 66 153 103 114 159
132 193 85 180 92

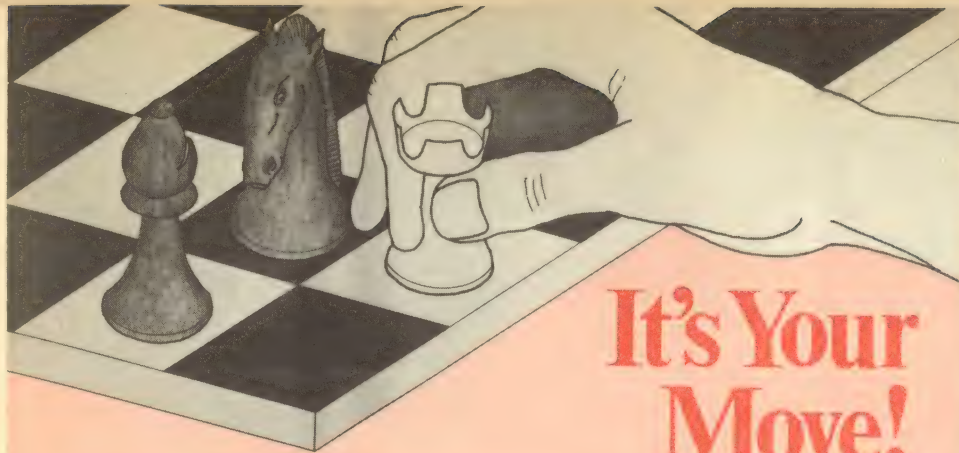
U. Order, as military supplies 43 30 15 117 50 167 95 162 77
62 111

V. 1983 Lawrence Kasdan movie (3 wds.) 9 35 42 146 179 122 126 161 152

W. Host of the Beatles' first live U.S. TV performance (2 wds.) 10 31 39 52 75 79 106 124 131 141
EDSULLIVAN

X. English satirist Jonathan 44 158 155 96 168

Y. The Christmas season 70 138 28 17 154 59 176 98



It's Your Move!

Give a gift of year-round pleasure.

GAMES

1 year (12 issues) only \$15.97
Each additional gift \$11.97

SEND BILL TO:

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

☐ Also enter
or extend
my own
subscription
at this rate.

SEND GIFT TO:

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

Please allow 4-8
weeks for delivery
of first issue.

For foreign and
Canadian orders
add \$4.00 per
subscription.

List additional
orders on separate
sheet and enclose.

SEND GIFT TO:

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

☐ Payment enclosed. ☐ Bill me later.

Charge to: ☐ Visa ☐ MasterCard

Expiration Date _____ Account# _____

Signature _____

FOR FASTER SERVICE, CALL TOLL FREE 1-800-852-5000 EXT. 662

OLD THIS PAGE

S
RY

BY EMILY COX
AND HENRY RATHYON

and the next two pages has two inde-
s: "Hard" and "Easy." First, fold this
shed line so the clues below face the
37. If you use only the Hard Clues (ap-
ntinuing under the grid), you'll find the
challenging. If you want help, or prefer
ge, open to the Easy Clues (tucked in
page 36).

★★

- | | |
|-----------------------------------|---|
| 63 Muttonfish | 120 Caiman's kin |
| 64 Big Apple suburb | 122 Frat vat? |
| 65 Payment for being in? | 123 French Hamlet's opening? |
| 66 Greater LA area? | 124 Limerick land |
| 68 Vaudevillian Sophie | 126 Crazy as _____ |
| 70 Pinnacle | 127 Words from a take-charge type |
| 72 Dance Fever host Zmed | 129 Tranquillity, e.g. |
| 74 Ifs-buts link | 130 Squeeze |
| 76 Black, in Blois | 131 Pythagoras's birthplace |
| 77 Theseus's wife | 132 Master |
| 79 Made reference to | 133 Wolf or jackal |
| 82 Portuguese gold coin | 134 "Society's Child" singer |
| 83 Graze, modern style | 135 TV teacher Tanner |
| 84 Rude motorist | 136 In a funny vein? |
| 85 Business communiqués | 138 Leadbelly song of 1936 |
| 87 Horse opera character | 144 Month before Febrero |
| 89 Pays penance | 145 Soul singer James |
| 91 FM tuners? | 149 Cubist? |
| 93 Be less than self-sufficient | 150 Mâcon's river |
| 94 Skeletons | 151 N.Y.-Paris speedsters |
| 98 The Lord of the Rings, e.g. | 153 Analysis site |
| 100 Sailors' sacks | 155 Doo follower |
| 104 Ex-Globetrotter Meadowlark | 156 Of the wild blue yonder? |
| 105 Oilman-philanthropist Charles | 158 Quaker? |
| 107 Forestalled, with "off" | 161 Shot, of course! |
| 108 1940s film finale, often | 164 Sister of Helios |
| 109 Bering Sea hunter | 165 Editor's bane |
| 110 Fast breakers | 166 Ciao |
| 112 Mounts | 167 "We Are Family" group, Sister _____ |
| 114 Broad-topped hill | 168 Autarch |
| 115 Parsonages | 169 Greenery? |
| 117 What E. Power Biggs played | |

DOWN

ACROSS

- 1 Once, long ago
- 7 Botch royally
- 10 Like waltz time
- 11 Short-term secretary
- 17 The Count of Monte _____
- 20 Baltimore flyer
- 21 Collector's goals
- 27 Bird related to the carp?
- 30 You can depend on it
- 31 Hippocrates wrote one

DOWN LEFT

- 1 Poet Lazarus
- 3 Lady of Spain
- 6 Go by
- 9 Hard to fathom
- 11 Diplomat's need
- 13 _____ d'
- 16 Ineffective
- 19 They're said to be attention-getting
- 21 Droops
- 23 Boy Scout units
- 26 Spain, to the Spaniards
- 29 Stocking material

DOWN RIGHT

- 2 Entertain superbly
- 4 Prepared to drive
- 5 Communism, Peking-style
- 8 Rat-_____ (machine gun sound)
- 12 Hands down
- 14 Christopher's bear
- 15 He makes a scene
- 18 Stocking stuffers?
- 22 Spews lava
- 24 Appear
- 25 "_____ theel!" ("Begone!")
- 28 Not so hot

WYS21

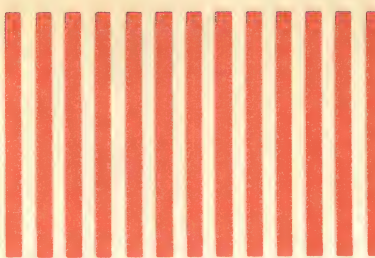
- 47 Twilight-Zonish
- 48 Hollywood Squares win?
- 49 Novelist Muriel
- 52 Letters on a GI's SASE
- 53 Margaret Mead subject
- 54 Nashville singer Young
- 56 Tape deck button abbr.
- 59 Dr. Ludwig Zamenhof's invention
- 61 Maintain
- 62 Team coached by Jim Fassel

DOUBLE CROSS ★★

Answer the clues for words to be entered in the grid. Then transfer the letters on the grid to the correspondingly numbered squares in the quotation reading from left to right. Bl

1A	2T	3C	4B	5Q	6I	7D
B					D	S
	22H	23M	24L		25O	26T
			W			
40D		41T	42V	43U	44X	45L
T						O
60S		61A	62U	63M	64H	65T
		Y				
78Q		79W	80O	81I	82K	
		L		O	E	
96X	97C	98Y	99A		100F	101K
			D			D
117U	118O	119M	120H	121L	122V	
				N		
136L	137V	138Y	139R	140Q	141W	142O
C					N	
156A	157Q		158X	159T	160P	161V
O						
175P	176Y		177Q	178A	179V	180T
			K			

- A. Captain Ahab's nemesis (2 wds.) MOBY D
109 156 1 61 9
- B. Caribbean possession of Cuba (3 wds.) 4 18 48 190 16
- C. Three Rivers and Shea, e.g. 3 32 53 69 9
- D. Rude gaze S T A R E
7 40 68 86 10
- E. Pioneer of U.S. Dadaism (2 wds.) 37 47 88 104 12
- F. Rose oil 19 34 54 100 18
- G. Home of Carson City N E V A D A
13 21 102 113 13
- H. Spanish water wheel 22 38 64 120 172
- I. Avoided, as the draft D O D
6 81 89 147 188 169
- J. Runback of a football kick 20 36 112 185 151 135
- K. Sondheim song, a 1975 hit by Judy Collins (3 wds.) (with word "L") S E N D I N T H E
8 82 115 101 29 57 171 12 67
- L. See "K" C L O W N S
136 76 45 24 121 58
- M. Pariah 23 63 105 119 127 149 192
- N. Islamic temple 165 84 49 184 16 110



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 6484 DES MOINES, IOWA

POSTAGE WILL BE PAID BY ADDRESSEE

GAMES

P.O. Box 10147
Des Moines, Iowa 50350-0147



ATTENTION:
GIFT DEPT.

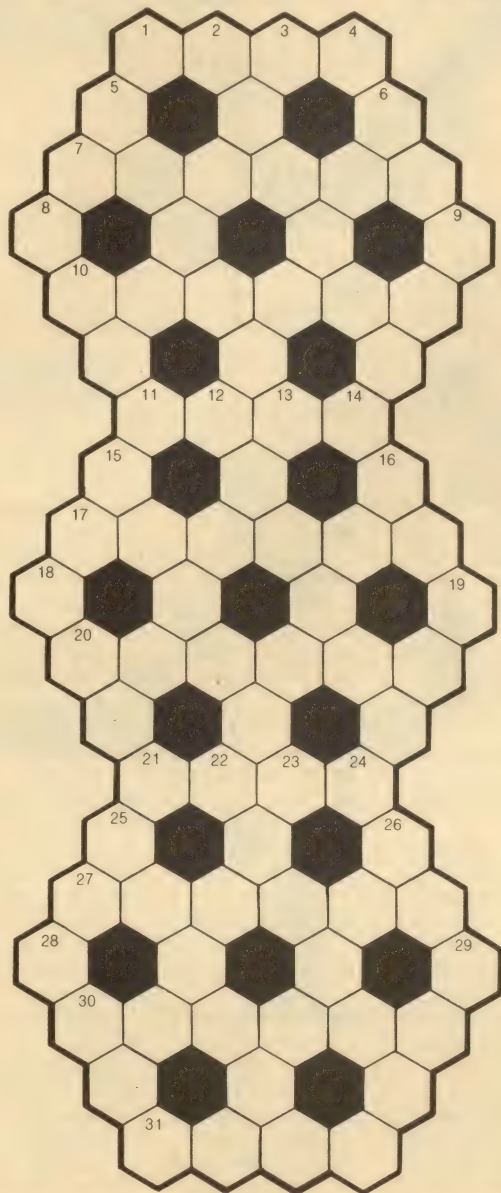
- U. Order, as military supplies 43 30 15 117 50 167 95 162 77
62 111
- V. 1983 Lawrence Kasdan movie (3 wds.) 9 35 42 146 179 122 126 161 152
- W. Host of the Beatles' first live U.S. TV performance (2 wds.) E D S U L L I V A N
10 31 39 52 75 79 106 124 131 141
- X. English satirist Jonathan 44 158 155 96 168
- Y. The Christmas season 70 138 28 17 154 59 176 98

THREE-WAY ★★

BY BRIAN GREER

You'll have to think in three directions at once to solve this hexagonal crossword puzzle. Words run across, down to the left, and down to the right. Every hexagon is used in at least two words.

ANSWER, PAGE 57



ACROSS

- 1 Once, long ago
- 7 Botch royally
- 10 Like waltz time
- 11 Short-term secretary
- 17 *The Count of Monte* _____
- 20 Baltimore flyer
- 21 Collector's goals
- 27 Bird related to the carp?
- 30 You can depend on it
- 31 Hippocrates wrote one

DOWN LEFT

- 1 Poet Lazarus
- 3 Lady of Spain
- 6 Go by
- 9 Hard to fathom
- 11 Diplomat's need
- 13 _____ d'
- 16 Ineffective
- 19 They're said to be attention-getting
- 21 Droops
- 23 Boy Scout units
- 26 Spain, to the Spaniards
- 29 Stocking material

DOWN RIGHT

- 2 Entertain superbly
- 4 Prepared to drive
- 5 Communism, Peking-style
- 8 Rat-_____ (machine gun sound)
- 12 Hands down
- 14 Christopher's bear
- 15 He makes a scene
- 18 Stocking stuffers?
- 22 Spews lava
- 24 Appear
- 25 "_____ thee!" ("Begone!")
- 28 Not so hot

FOLD THIS PAGE

THE WORLD'S MOST ORNERY CROSSWORD

BY EMILY COX
AND HENRY RATHYON

Open-Ended

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 37. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 36).

HARD CLUES ★★★

ACROSS

- 1 "Circular file"
- 12 Temple singers in *I Chronicles*
- 18 Dress size
- 24 U.S. Open champ of 1972
- 25 Billions and billions
- 26 Got the hard way
- 27 Volume 5 of Durant's *Story of Civilization*
- 28 Vote "no"
- 29 Colonial Cronkites?
- 30 Anne Burford's old org.
- 31 Latin for 32-Across
- 32 English for 31-Across
- 34 Members of the Cat Nation
- 36 *M* actor
- 37 Branch of Islam
- 39 Klugman role
- 41 1983 Henson-Oz project
- 45 Be a human pretzel
- 47 Twilight-Zonish
- 48 *Hollywood Squares* win?
- 49 Novelist Muriel
- 52 Letters on a GI's SASE
- 53 Margaret Mead subject
- 54 Nashville singer Young
- 56 Tape deck button abbr.
- 59 Dr. Ludwig Zamenhof's invention
- 61 Maintain
- 62 Team coached by Jim Fassel

- 63 Muttonfish
- 64 Big Apple suburb
- 65 Payment for being in?
- 66 Greater LA area?
- 68 Vaudevillian Sophie
- 70 Pinnacle
- 72 *Dance Fever* host Zmed
- 74 Ifs-buts link
- 76 Black, in Blois
- 77 Theseus's wife
- 79 Made reference to
- 82 Portuguese gold coin
- 83 Graze, modern style
- 84 Rude motorist
- 85 Business communiqués
- 87 Horse opera character
- 89 Pays penance
- 91 FM tuners?
- 93 Be less than self-sufficient
- 94 Skeletons
- 98 *The Lord of the Rings*, e.g.
- 100 Sailors' sacks
- 104 Ex-Globetrotter Meadowlark
- 105 Oilman-philanthropist Charles
- 107 Forestalled, with "off"
- 108 1940s film finale, often
- 109 Bering Sea hunter
- 110 Fast breakers
- 112 Mounts
- 114 Broad-topped hill
- 115 Parsonages
- 117 What E. Power Biggs played
- 120 Caiman's kin
- 122 Frat vat?
- 123 French Hamlet's opening?
- 124 Limerick land
- 126 Crazy as _____
- 127 Words from a take-charge type
- 129 Tranquillity, e.g.
- 130 Squeeze
- 131 Pythagoras's birthplace
- 132 Master
- 133 Wolf or jackal
- 134 "Society's Child" singer
- 135 TV teacher Tanner
- 136 In a funny vein?
- 138 Leadbelly song of 1936
- 144 Month before *Febrero*
- 145 Soul singer James
- 149 Cubist?
- 150 Mâcon's river
- 151 N.Y.-Paris speedsters
- 153 Analysis site
- 155 Doo follower
- 156 Of the wild blue yonder?
- 158 Quaker?
- 161 Shot, of course!
- 164 Sister of Helios
- 165 Editor's bane
- 166 Ciao
- 167 "We Are Family" group, Sister _____
- 168 Autarch
- 169 Greenery?

DOWN

- 1 Magician's props
- 2 Beth's predecessor
- 3 Egyptian holding
- 4 Sam Adams's jetsam

THE WORLD'S MOST ORNERY CROSSWORD (CONTINUED)

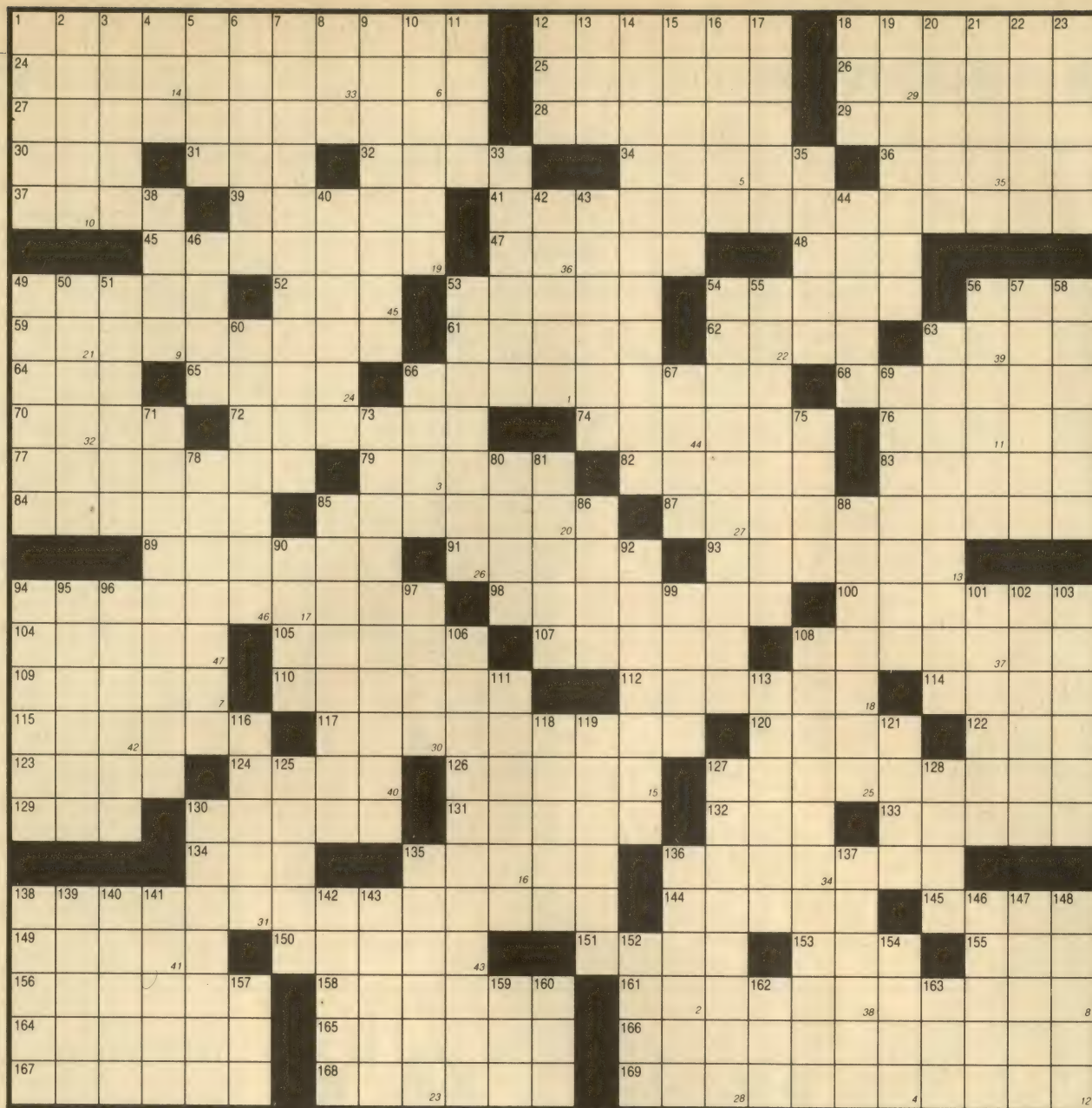
Don't Peek
Until You Read
Page 35!



EASY CLUES ★

ACROSS

- | | | | | | |
|---------------------------------------|---|--|---------------------------------------|--|---------------------------------------|
| 1 Trash receptacle | 65 Feed the kitty | 117 Church instrument: 2 wds. | 169 Start of a dinner: 2 wds. | 43 Beethoven's Third Symphony | 103 Put on, as a play |
| 12 Patriot Allen and others | 66 Washington, Oregon, and California: 2 wds. | 120 Gator's cousin | | 44 Perch | 106 On which X marks the spot: 2 wds. |
| 18 Small and trim | 68 Forrest of <i>F Troop</i> | 122 Beer barrel | DOWN | 46 Gumbo | 108 1967 Peaches & Herb hit: 3 wds. |
| 24 Tennis star with a temper: 2 wds. | 70 Zenith | 123 <i>Raison d'—</i> | 1 Electricity carriers | 49 Angel | 111 Consolation |
| 25 10 to the 100th power | 72 1963 film <i>The List of — Messenger</i> | 124 "— go brag!" | 2 Hebrew "A" | 50 Hitchcock classic | 113 Few and far between |
| 26 Merited | 74 "No ifs, — but": 2 wds. | 126 Crazy as —: 2 wds. | 3 Middle East peninsula | 51 Nickname for Tarzan | 116 Turkish inn (ARIES anag.) |
| 27 Artistic rebirth | 76 <i>Bête —</i> (something feared) | 127 "Don't worry—I'll handle this": 3 wds. | 4 Oolong or pekoe | 53 Perfumed | 118 Type of nose or numeral |
| 28 Take sides against | 79 Quoted | 129 Caribbean, for one | 5 Oklahoma city | 54 Nitpicker | 119 Gives a boost to |
| 29 Weepy people | 82 Portuguese coin of old (BOARD anag.) | 130 Twist dry | 6 — balls (walk): 2 wds. | 55 Perry Mason, e.g. | 121 Comedienne Imogene |
| 30 MPG raters: Abbr. | 84 Big nose: Sl. | 131 Aegean island | 7 Prosecutor's aide, for short | 56 Gathering leaves | 125 Saturn features |
| 31 <i>Agnus —</i> (prayer) | 85 Wired messages | 132 Paid player | 8 RR terminal: Abbr. | 57 Come into view | 127 Supports financially |
| 32 <i>The — Must Be Crazy</i> | 87 Shootout participant | 133 Doggy sort (INCA + D anag.) | 9 Bob Keeshan, aka Captain — | 58 Chosen pursuit | 128 Stallion's mate |
| 34 Iroquoian Indians | 89 Makes up (for) | 134 Fleming, 007's creator | 10 Accompany | 60 "I shot — in the air": 2 wds. | 130 Acting seductive, optically |
| 36 Peter of <i>The Maltese Falcon</i> | 91 Uses a rotary phone | 135 <i>Star Wars</i> director George | 11 — off (angry) | 63 Cad | 135 Luxury ocean vessels |
| 37 Khomeini's sect (HAS I anag.) | 93 Rely (on) | 136 Humorous | 12 Freud's self | 66 Sound like a banshee | 136 A Beverly Hillbilly |
| 39 Academy Award | 94 Basic structures | 137 Weavers hit of 1950: 2 wds. | 13 "You're the —": Cole Porter | 67 "A man's best friend": 2 wds. | 137 Was a lazybones |
| 41 Jim Henson fantasy film: 3 wds. | 98 <i>Torch Song —</i> | 144 January, in Juarez | 14 Famous blue gem: 2 wds. | 69 Not yet dug up, as coal | 138 12 dozen |
| 45 Get tied in knots | 100 Pullman accommodations | 145 Women's name suffix | 15 Greek marketplaces (AREA GO anag.) | 71 Reaction to a rodent: 3 wds. | 139 European blackbird (LEU OZ anag.) |
| 47 Spooky | 104 Ade flavor | 149 Puzzle cube inventor | 16 Polite negative: 2 wds. | 73 Dorothy Hamill's sport: 2 wds. | 140 Old French coin (BOOLE anag.) |
| 48 Bike odometer reading | 105 Brooklyn college (TRAP + T anag.) | 150 Rhône feeder | 17 Smooth and lustrous | 75 Metalworker's file | 141 Ate sumptuously |
| 49 Fire starter? | 107 Kitchen range | 151 Concorde, and others | 18 Chest muscle, for short | 78 Reduction of international tensions | 142 Reviled |
| 52 Mil. address: Abbr. | 108 Gradually disappear: 2 wds. | 153 Scientist's workshop | 19 Not long after starting: 2 wds. | 80 Leave the stage | 143 Braves/Cards/Mets star Joe |
| 53 Where Pago Pago is | 109 Alaskan Indian | 155 Doo— music | 20 Tuneful threesomes | 81 Darlings | 146 Manipulate a baton |
| 54 C&W singer Young | 110 Gourmands | 156 Like some oxygen | 21 Like certain gases | 85 Water turtle | 147 Puccini opera |
| 56 — room (ping-pong site) | 112 Climbs aboard: 2 wds. | 158 Mild earthquake | 22 — firma | 86 Narrow cut | 148 Plant louse |
| 59 Universal language | 114 — Linda, California | 161 Near-tie at the racetrack: 2 wds. | 23 Ford flop of the '50s | 88 Beirut's country | 152 Lovers' quarrel |
| 61 Prospector's property | 115 Clergymen's houses | 164 Greek moon goddess (EE LENS anag.) | 33 Commits larceny | 90 Yep's opposite | 154 Auction outcries |
| 62 Navahos' foes | | 165 Boo-boos | 35 Tally | 92 Campaign button sayings | 157 Bee follower |
| 63 Atlantic snapper (AMAS anag.) | | 166 Farewell, in Rome | 38 Unit of land | 94 Tongues of fire | 159 Palindromic Indian tribe |
| 64 Dark bread | | 167 Heavy hammer | 40 Whirlybird | 95 Tell | 160 Mouse's relative |
| | | 168 Iron-fisted ruler | 42 Blood: Prefix | 96 Egyptian deity (NEAR MA anag.) | 162 "My country, — of thee" |
| | | | | 97 Rung | 163 Teachers' org. |
| | | | | 99 Place to bake | |
| | | | | 101 Engaged in battle: 2 wds. | |
| | | | | 102 Funny bones | |



ANSWER, PAGE 60

HARD CLUES (CONT'D)

- | | | | | | |
|---|--------------------------------|---|--------------------------------|-----------------------------------|----------------------------------|
| 5 <i>National Velvet</i> author Bagnold | 19 Near the beginning | 50 1960 film, sequelized in 1983 and 1986 | 73 Elaine Zayak's forte | 99 Hot spot? | 137 Didn't lift a finger |
| 6 Conclude from | 20 Musketeers and Magi, e.g. | 51 Missing link, maybe | 75 Irritate | 101 Assumed | 138 Grody to the max |
| 7 Court figure | 21 Lifeless | 53 Detected, as a spoor | 78 Old US-Soviet policy | 102 Forelimb bones | 139 Thrush's kin |
| 8 Penn, e.g.: Abbr. | 22 This world | 54 Pettifogger | 80 Sartre's <i>No</i> _____ | 103 Presented falsely | 140 Half denier |
| 9 Boomer or flyer | 23 Henry Ford's son | 55 Lawman? | 81 Tender names | 106 X'd document | 141 Was in a mess? |
| 10 Ford model | 33 Emulates Vince Coleman | 56 Croupier's chore | 85 Carapace bearer | 108 '65 Yardbirds hit | 142 Very unpopular |
| 11 Poised on the links | 35 Noted script? | 57 Become known | 86 Use a letter opener | 111 Balm | 143 One-time Mets manager |
| 12 The "I" in analysis | 38 A lot of realty? | 58 Move at full speed | 88 Pennsylvania county | 113 Like hens' teeth | 146 Convolution |
| 13 Go one better than | 40 <i>Blue Thunder</i> vehicle | 60 "That was _____ escape!" | 90 Laconic refutation | 116 Caravansary | 147 Callas role |
| 14 Gem once owned by Louis XIV | 42 Blood, in combinations | 63 No-goodnik | 92 Product-ive phrases | 118 Type type | 148 Ant cow |
| 15 Early malls | 43 Beethoven piece | 66 Keen | 94 Smythe Division hockey team | 119 Spurs | 152 Gaiter |
| 16 Terse denial | 44 Place to rule? | 67 1959 movie _____ of <i>Flanders</i> | 95 Empathize | 121 Caesar's partner | 154 Remarks from North to South? |
| 17 Glossy | 46 Pods used in soups | 69 Not yet touched | 96 Zeus's Egyptian counterpart | 125 Sounds made by a Princess | 157 Third in line |
| 18 Nautilus build-up? | 49 Fiend's antithesis | 71 Noted reggae singer | 97 Part of a flight | 127 Ad suppliers | 159 Winnebago tribesman |
| | | | | 128 Monster of dreams | 160 Squeal |
| | | | | 130 Nictitating | 162 Scale members |
| | | | | 135 Straight hits to the outfield | 163 School lobby initials |
| | | | | 136 Homer's C&W partner | |

THE BUCK STARTS HERE ★★

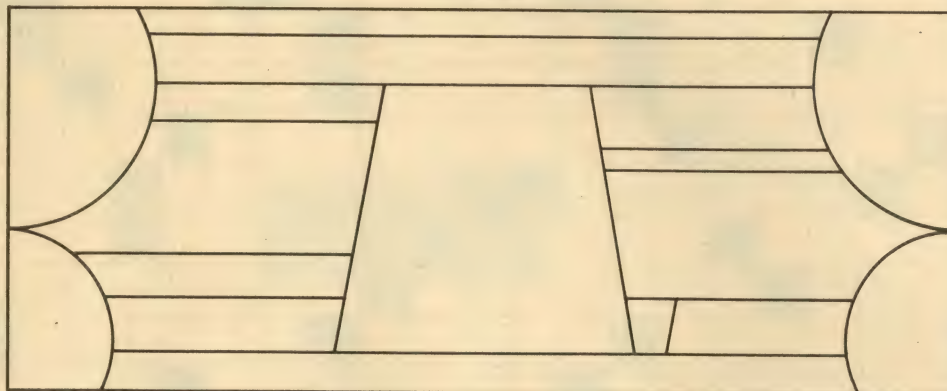
BY JOHN CHANESKI

Who says making money is hard? Below are blank front and back views of a \$1 bill, each view divided into regions. Below them are numbered pieces that fit into those regions, one

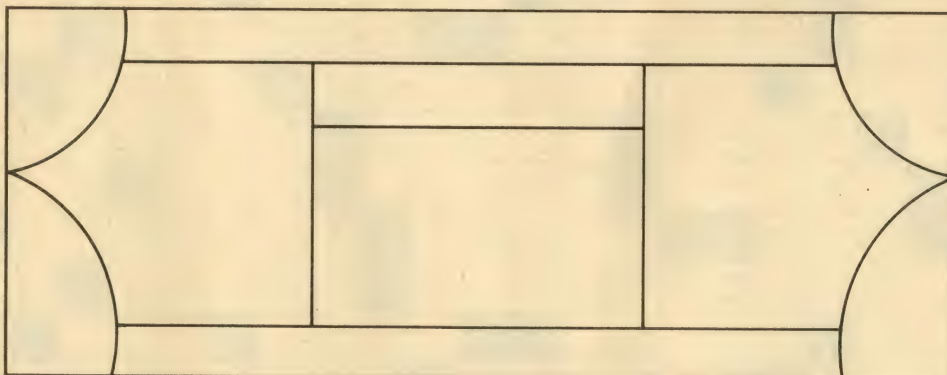
piece per region. Some pieces belong on the front of the bill, others on the back. If you can put it all together without checking your wallet, you're on your way to your first million.

ANSWER, PAGE 57

FRONT



BACK



New Winston Lights Box. Kings and 100's.



Discover smooth, rich flavor in a Lights Box.

SURGEON GENERAL'S WARNING: Cigarette
Smoke Contains Carbon Monoxide.

Not available in some areas.

LIGHTS 100's BOX: 9 mg. "tar", 0.7 mg. nicotine,
LIGHTS BOX: 11 mg. "tar", 0.7 mg. nicotine, av. per cigarette by FTC method.



Even if college isn't for you, the G.I. Bill Plus the Army College Fund can be.

You can earn \$17,000 for your Vo-Tech schooling with the Army's special Two-Year Enlistment. Or \$25,200 if you serve four years.

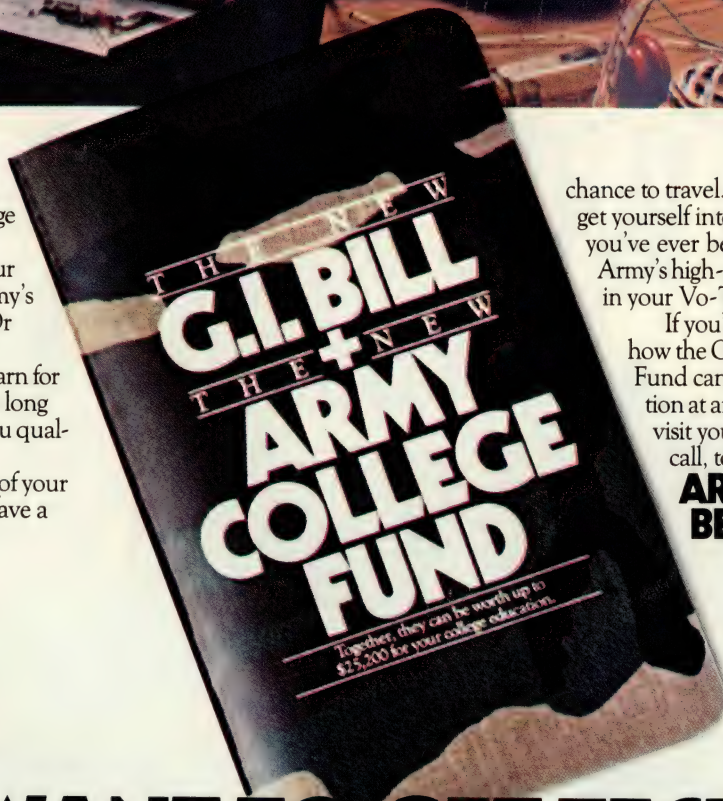
Of course, how much you earn for your schooling depends on how long you serve and which specialty you qualify and enlist for.

But you'll get a lot more out of your enlistment than money. You'll have a

chance to travel. To meet new people. To get yourself into the best physical shape you've ever been in. And, you'll get the Army's high-tech training that can help you in your Vo-Tech major and your career.

If you'd like to learn more about how the G.I. Bill Plus the Army College Fund can help pay for your education at an accredited Vo-Tech school, visit your local Army Recruiter. Or call, toll free, 1-800-USA-ARMY.

ARMY.
BE ALL YOU CAN BE.



IF YOU WANT TO GET TECHNICAL IT ISN'T ONLY FOR COLLEGE.

Wacky Worldies

☆☆

BY WILLIAM JACOB BECHEM

In this variation on Wacky Wordies, the object is to figure out the name, phrase, or title represented by the arrangement of each state or country with any accompanying words, letters, colors, or artwork. For example, the word BACK inside a map of the Soviet Union would be the title of the Beatles' song, "Back in the U.S.S.R."

Can you place these places, and figure out what in the world they mean?

ANSWERS, PAGE 57



New Parlor Games

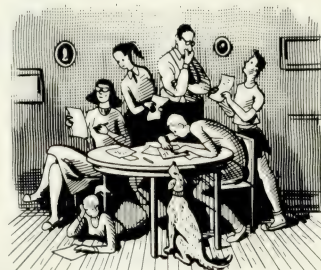
by Stephanie Spadaccini



Long ago, in pre-television America, people would sometimes gather in a room they called the parlor, and would amuse themselves for hours playing games.

Nowadays, the parlor has fallen into disuse. We're glad to report, however, that the parlor game is alive and well. In fact, it's thriving.

On these pages you'll find both brand-new games and variations on old favorites. In all, they run the gamut from silly to sophisticated, from plan-ahead to ready-to-play, from games for two to games for a group. Enjoy.



Charades might be the most popular parlor game of all. Here are two variations.

In **FORTUNE COOKIE CHARADES**, players act out the little messages that come in fortune cookies, instead of the usual titles or phrases. If your local supermarket doesn't sell fortune cookies by the box, most any Chinese restaurant will provide some for take-out. Better yet, treat yourself to dinner out, and, after your favorite Chinese meal, try the game over tea and fortune cookies.

HEADLINE CHARADES can be played using the headlines from any newspaper, but the best sources are tabloids like the *National Enquirer* or the *Star*. There you'll find such gems as: "UFOs Fixed My Kitchen Appliances" or "A Hug a Day Will Make You Live Till 90, Doctors Say."

PROVERB YELL is a great game for a crowd. An emcee divides a proverb into its individual words, and writes each word on a separate piece of paper. The words are distributed among the members of one team. At a given signal, team members yell their words at exactly the same moment, while the other team tries to guess the proverb. Note: There should be at least as many members to a team as there are words in each proverb. If there are more players than words, some words can be yelled by more than one player.

PERSONIFICATION is a game for the uninhibited, based on the Stanislavsky Method of acting, in which students "become" various inanimate objects. Using no sounds (and no charade-style clues), players act as objects—a lawn sprinkler, a corkscrew, a strip of bacon, a parking meter, and so on—while the other players try to guess the object being acted out. For example, a player acting out a strip of bacon might lie down (like bacon in a frying pan) and start to move his body as if he were cooking, ending up as stiff as a crisp piece of bacon.

To play **JELLY BEANS**, you'll need at least five different flavors of gourmet jelly beans—the more unusual the better—root beer, watermelon, piña colada, etc. Pass a dish of each flavor while players taste them and write down their guesses as to flavor. The player with the most correct guesses wins all the leftover jelly beans.

PROP QUIZ takes more preparation than most of the other games on these pages, but if you've got some movie mavens in the crowd, it's well worth the effort. To prepare, make a list of props featured in a well-known film (five or six props are best). Arrange them in order from least to most recognizable, and read them off one by one. Players or teams try to guess the film in question as early in the game as possible, and are awarded points accordingly. There is no penalty for an incorrect guess. Here's a sample list of props with their corresponding points:

- For six points: Apples (At this point, the emcee would pause to see if anyone had a guess.)
- Five points: A hot-air balloon
- Four points: An hourglass
- Three points: A bucket of water
- Two points: A broom
- One point: A pair of ruby slippers

A player or team who guessed *The Wizard of Oz* with only the first clue would receive six points, and so on.

QUOTATIONARY is a variation on the game of Fictionary in which one team makes up definitions for unfamiliar words while the other team tries to guess the correct definition. In Quotationary, an emcee finds a quotation or a line of poetry or literature (in *Bartlett's Familiar Quotations*, e.g.), and writes the last word of the line on a piece of paper. He then distributes that piece of paper, and extra blank pieces of paper to the three or more players who volunteer to make up a team. The emcee names the author and reads the quote aloud, minus the last word. For example, "Al Goldstein: Most porn films are a wonderful argument in favor of ____." (In this case, the correct answer is "blindness.") Team members are then given a minute or two to write down a word that sounds like it might finish the line. The player who received the piece of paper with the correct word should make a pretense of thinking and writing, of course.

The emcee then reads the quotation aloud, allowing each player to finish it with his word. When all the words have been read, the other players vote on the word they think is correct. One point is awarded to those who guess the correct word, and team members who made up their words receive points according to how many people they fooled.

In the game of Hangman, a word is represented by a set of blanks. Players then guess letters in turn; a correctly guessed letter is written in the corresponding blank wherever it appears, and the player who makes a correct guess goes again. In the original game, a player who makes a certain number of wrong guesses is eliminated; but in the following variations, everyone keeps playing until someone, during his turn, comes up with the correct solution (as on TV's *Wheel of Fortune* game).

In **ROMAN HANGMAN**, names, phrases, and titles are used, and numbers are represented by their corresponding Roman numerals. For example, "The 1812 Overture," when solved, would look like this:

T H E M D C C C X I I O V E R T U R E

Imagine that you are presented with a set of six blanks: — — — — —, and the first player asks for an I (the most common letter in Roman Hangman). The I's are filled in as follows: — I I — I I. An R and a D are all that are needed to get R I I D I I, or R2-D2. Note: Phrases containing numbers don't have to be used exclusively; a name or phrase with a lot of Roman numeral letters like LILY TOMLIN or TOM MIX can add an occasional surprise.

LYNCH MOB is a variation in which only words of five or six letters are used. For example, if a five-letter word is to be guessed, five blanks are presented. Then, instead of guessing letters, players guess five-letter words. Let's say the mystery word is DINER. If the first player guesses the word HANDS, the N is written in, producing — N — —, since the N in HANDS is in the same position as the N in DINER. Now the players know to guess only words with N as the third letter. If someone next guesses DANCE, the D is inserted in the first blank, and so on until one player correctly guesses DINER.

In **EXPERT HANGMAN**, the game is played with no spaces between the words to be guessed. Since names, phrases, and titles, as well as individual words, can be used, one-word answers can be cleverly disguised until the solution is arrived at. Only consonants can be guessed, so words with lots of vowels prove the most challenging. Take this example, in which L and C have been correctly guessed, and players have been informed that there are no more consonants:

L — — — — C — C C —

The answer? LEE IACOCCA.

I'VE GOT A SECRET is fun to play with family and old friends, as well as being a very interesting ice-breaker. Each player writes a "secret" on a piece of paper. The secret can be anything from the innocuous ("I can sing 'La Marseillaise' in French") to the deepest and darkest of secrets ("I've been an unfaithful lover.") The secrets are collected and read aloud by an emcee. Players then guess who among the group has been hiding each secret.

In the Honeymoon version, for two people, each player tells three secrets, only one of which is true. The other player tries to tell the real secret from the phonies.

The object of **THE ANTI-MATCH GAME** is to come up with answers that *do not* match those of other players. Questions, chosen by an emcee, are read aloud. Players write their answers secretly, then reveal them simultaneously.

In general, questions should be selected according to the number of players: The number of possible answers should be roughly 2/3 of the number of participants. For example, a good question for six players is one with four answers, such as "Name a Beatle"; for 12 players, "Name a month with 31 days"; for a large crowd, "Name a European country."

To make things more interesting, harder questions can be asked: "Name one of the Four Horsemen of the Apocalypse," or "Name a French monarch of the 17th century."

Points are awarded according to the number of answers that match. An incorrect answer (i.e., one that does not answer the question) earns that player points equal to the total number of players. At the end of the game, the player with the lowest score wins.

RULEBREAKERS is one of those "somebody leaves the room" games. Two to four players, the "rule-breakers," leave the room, while those remaining, the "rulemakers," think up a rule that must be followed when answering the rulebreakers' questions upon their return. The rulebreakers may make up and ask any questions they wish.

Here are four sample rules:

1. Answers must contain the name of a color.
2. Answers must contain the name of any object in the room.
3. Answers must be made up of words in alphabetical order.
4. Answers must be made up of words of four letters or less.

The rulebreakers ask their questions of the rulemakers one at a time, going around the room: "What did you have for breakfast this morning?", "How do you spell 'cat'?", "Read any good books lately?", and so on.

The answers can be nonsensical, punny, or downright fibs, as long as they adhere to the rule. As an example, let's take the last question and apply it to the four rules above. Here are four possible answers:

1. "Yes, *Anne of Green Gables*."
2. "Yes, I(eye) did."
3. "*Anna Karenina* last month."
4. "No, I don't read very much at all."

The object for the rulebreakers is to guess the rule by using a minimum of questions, while the rulemakers try to make their task as difficult as possible.

In **SURPRISE QUIZ**, an emcee asks 10 trivia questions (which can be randomly selected from any trivia game), and each player writes his answers on a piece of paper. After the answers have been revealed, and players have marked their responses right or wrong, the *real* game begins.

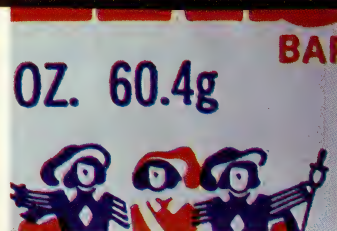
The object is to guess how many players in the group had the correct answer to each question. The player who comes closest to guessing the number of total correct answers wins.

The games on these pages were created by Terry Barrett, Marcy Chodaczek, Doug and Janis Heller, Scott Marley, Karen Olson, Mark Oshin, Nancy Schuster, Mike Shenk, Will Shortz, and Stephanie Spadaccini.

1



2



5



6



7



10



11



12



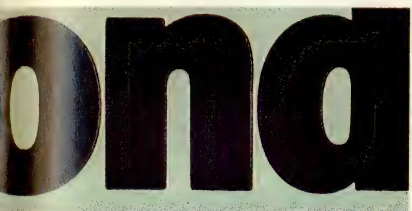
13



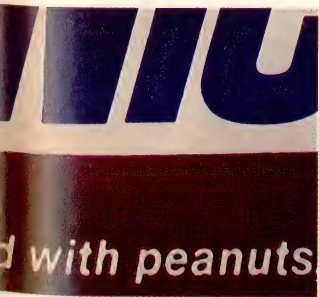
14



CAN YOU IDENTIFY ALL SWEET 16



CAMERA



BITE-SIZE PIECES OF CANDY? ANSWERS,
PAGE 57

Nine Psychic Guesses

The following problems involve tests conducted by a group of self-proclaimed psychics, who attempt to divine the identity of cards placed face down on a table. For simplicity, only the aces are used from each suit, with an occasional joker included. Given the special conditions in each problem, try to discover the identity of each card.

ANSWERS, PAGE 56

FIRST PSYCHIC GUESS

Abe, Bea, and Cal begin by dealing three aces face down and guessing at each card in turn (as shown below). Each of the three aces is correctly identified by at least one person. Nobody gets exactly one right answer; however, and no two persons finish with the same number of correct answers. What are the three cards?

	1st Card	2nd Card	3rd Card
Abe	Heart	Spade	Club
Bea	Heart	Diamond	Club
Cal	Diamond	Spade	Heart

SECOND PSYCHIC GUESS

Abe, Bea, and Cal repeat their test. This time everybody gets at least one right answer, but no two persons get the same number right. What are the three cards?

	1st Card	2nd Card	3rd Card
Abe	Heart	Spade	Diamond
Bea	Club	Diamond	Heart
Cal	Club	Spade	Heart

THIRD PSYCHIC GUESS

Abe, Bea, Cal, and Dee use four aces. Each ace is correctly identified by at least one person. When they check their results, they learn that each of them has the same number of correct guesses. What are the four cards?

	1st Card	2nd Card	3rd Card	4th Card
Abe	Club	Heart	Spade	Diamond
Bea	Heart	Heart	Diamond	Diamond
Cal	Diamond	Heart	Diamond	Club
Dee	Spade	Diamond	Club	Heart

FOURTH PSYCHIC GUESS

The four repeat their test. Again, each ace is correctly identified by at least one person, and everybody makes the same number of correct guesses. What are the four cards?

	1st Card	2nd Card	3rd Card	4th Card
Abe	Heart	Club	Diamond	Spade
Bea	Club	Spade	Diamond	Heart
Cal	Club	Diamond	Diamond	Club
Dee	Heart	Heart	Club	Spade

FIFTH PSYCHIC GUESS

Abe, Bea, and Cal take the test with four aces and a joker. Each card is correctly identified by at least one person. Nobody gets two in a row correct, but everybody ends with the same number of right answers. What are the five cards?

	1st Card	2nd Card	3rd Card	4th Card	5th Card
Abe	Joker	Heart	Club	Spade	Diamond
Bea	Club	Joker	Diamond	Heart	Club
Cal	Spade	Diamond	Spade	Heart	Joker

SIXTH PSYCHIC GUESS

Abe, Bea, Cal, and Dee guess at four aces and a joker. Each card is correctly identified by at least one person. Nobody gets them all right or all wrong. No two people make the same number of correct guesses. What are the five cards?

	1st Card	2nd Card	3rd Card	4th Card	5th Card
Abe	Club	Joker	Heart	Diamond	Club
Bea	Diamond	Joker	Heart	Club	Spade
Cal	Heart	Club	Spade	Diamond	Joker
Dee	Diamond	Joker	Club	Club	Spade

SEVENTH PSYCHIC GUESS

Abe, Bea, Cal, Dee, and Eb guess at four aces and a joker. Each card is correctly identified by at least one person. At the conclusion, four persons are tied in the number of correct guesses, with the fifth person having just one correct guess fewer. What are the five cards?

	1st Card	2nd Card	3rd Card	4th Card	5th Card
Abe	Club	Joker	Diamond	Club	Heart
Bea	Joker	Spade	Club	Spade	Joker
Cal	Club	Club	Heart	Diamond	Joker
Dee	Heart	Diamond	Diamond	Joker	Club
Eb	Spade	Heart	Joker	Spade	Diamond

EIGHTH PSYCHIC GUESS

Abe, Bea, Cal, Dee, Eb, and Flo take the test using four aces. Although nobody gets all answers right, there is a clear winner. Two people are tied for second-best score, and two others are tied for third-best score. What are the four cards?

	1st Card	2nd Card	3rd Card	4th Card
Abe	Spade	Spade	Club	Diamond
Bea	Heart	Diamond	Diamond	Club
Cal	Diamond	Club	Heart	Spade
Dee	Diamond	Heart	Spade	Club
Eb	Heart	Spade	Club	Diamond
Flo	Club	Spade	Diamond	Heart

NINTH PSYCHIC GUESS

Abe, Bea, Cal, Dee, and Eb guess at four aces and a joker. Each card is correctly identified by at least one person. All five people make the same number of correct guesses. What are the five cards?

	1st Card	2nd Card	3rd Card	4th Card	5th Card
Abe	Spade	Heart	Club	Joker	Diamond
Bea	Spade	Joker	Diamond	Club	Spade
Cal	Club	Diamond	Spade	Joker	Heart
Dee	Diamond	Heart	Joker	Club	Spade
Eb	Club	Joker	Diamond	Spade	Heart

Roger Hufford teaches creative and critical thinking skills to college students, and gifted and retired persons in Phoenix, Arizona. These puzzles are from his book *Challenging Puzzles in Logic* (Dover Books) © 1982 by Roger Hufford.

The MENSA STEPS

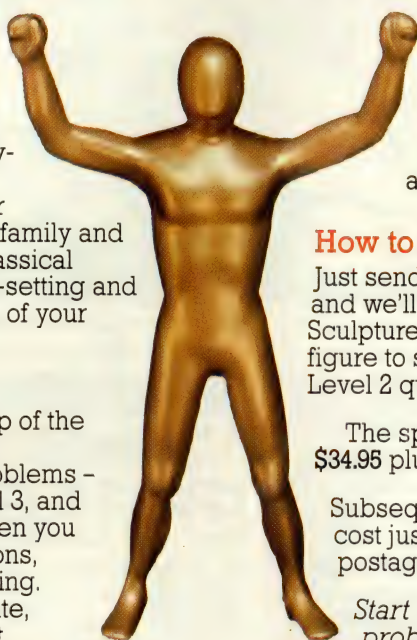
"Mensa's
ULTIMATE
Game"
Times - London

Will you be one of the I.Q. elite to reach the 7th level?

Here's your chance to own Mensa Steps, the new concept in games-playing that's taking Europe by storm! Mensa Steps combines a beautifully-designed sculpture with a stimulating challenge to your problem-solving skills. Your family and friends will appreciate its classical beauty, enhancing any room-setting and providing a visible reminder of your I.Q. achievement.

Be a 7th Step Winner

To reach the ultimate 7th step of the sculpture you have to solve increasingly challenging problems - two for level 2, three for level 3, and so on up to the 7th level. When you complete each set of questions, return them to us for monitoring. We then send you a certificate, new questions and your next



climbing figure which will stand only on the step level you have reached.

Each question has been cunningly devised by the top "brains" at Mensa HQ in England to tax your abilities to the full.

How to play Mensa Steps

Just send your entry to us with your payment and we'll send you the Mensa Steps Sculpture, the chrome-finished, solid metal figure to stand on step 1, full instructions, Level 2 questions and your initial certificate.

The special GAMES readers price is just \$34.95 plus postage and handling.

Subsequent level questions and figures cost just \$2.95 to cover score monitoring, postage and handling.

Start today by solving the qualifying problem below:



YOUR PERSONAL CERTIFICATE OF ACHIEVEMENT

For fast service call today, toll-free
1-800-922-3438.



PRIORITY ORDER FORM

Send to or call toll-free with your answer to
GAMES, 1350 6th Ave., Dept. C9MS, N.Y., NY 10019
1-800-922-3438



Missing between the numbers below are the correct arithmetic symbols of +, -, ÷ or X. The answer is 12. Can you determine which symbols go where? Put your answers in the boxes.

9 ☐ 5 ☐ 12 ☐ 6 = 12

Please rush me _____ (how many?) Mensa Steps games at \$34.95 each plus \$2.95 postage and handling each set.

I understand that if, for any reason, I am not completely satisfied with my order I may return it within 30 days for full refund of the purchase price.

I enclose \$_____. Illinois residents add appropriate sales tax. Please make check or money order payable to GAMES. No cash or C.O.D.s please. Canadian orders US funds only.

CHARGE IT! ☐ VISA ☐ MASTERCARD, BANK #

CREDIT CARD # _____ EXPIRE DATE _____

SIGNATURE _____

NAME _____

ADDRESS _____

APT # _____

CITY _____

STATE _____

ZIP _____

MENSA STEPS

All orders promptly shipped via UPS.

GAMES & BOOKS

EDITED BY BURT HOCHBERG

CASTLE RISK

Parker Brothers; under \$22

Parker Brothers' Risk, a well-loved strategy game played on a map of the world, was the model and inspiration for this new game. Among the differences are that the board is a map of Europe only, that cards can be used in attacking and defending (as well as for other purposes), and that attacks can be launched by sea as well as by land.

The map is divided into six empires, each subdivided into territories. There are also independent territories that are not part of any empire. Each of two to six players (more is better) starts by choosing a castle banner at random and placing his castle within the empire shown on the banner.

The players then take turns placing armies on the board until every territory is occupied and all armies have been placed.

Attacks are carried out as in Risk: The attacker rolls a maximum of three dice, the



defender a maximum of two, then the highest pair are compared. If the attacker's die is higher, one of the defender's armies is removed from the territory; if the defender's die is equal or higher, an army is removed from the attacker's territory. When applicable, players' second highest dice are also compared, and another army is removed. If the defender loses all the armies in a territory, the attacker's armies move in.

A player who occupies all

the territories in an empire earns bonus armies at the end of his turn. Extra armies are also earned for every castle he has captured.

Each player begins his turn by drawing cards (so that he always has at least three). One card, the Admiral, allows attacks by sea—which can make distant territories vulnerable with surprising suddenness. General and Marshall cards add bonus points to die rolls; reinforcement cards provide extra troops; a spy card lets you look at an op-

ponent's cards and eliminate one of them; and with a diplomat card you can force a one-turn truce with an opponent of your choice.

One nifty new rule involves hidden armies. At the beginning of the game, each player secretly writes down the location where, at any point in the game, he can activate a number of hidden armies (as long as he controls that territory). Such an activation can produce an unpleasant surprise for an unsuspecting opponent.

The player who eliminates all his opponents by capturing their castles wins the game. The initial setup, especially the placement of the castle, is therefore crucial, since an ill-defended castle can quickly put you on the sidelines. Capturing a castle is not easy, however, since the attacker can use no more than two dice (instead of the usual three).

An entertaining change of pace for committed Risk players, Castle Risk is an exciting game in its own right. Playing time is under two hours.

—Matthew J. Costello

FORE BY FOUR

Front-porch philosophers like to say that great minds think alike. In support of this adage is the nearly simultaneous recent release of four exceptional golf simulations for home computers, each taking a unique approach to the sport.

Championship Golf: The Great Courses of the World, Volume One: Pebble Beach is not only an accurate simulation but a visual treat as well. It's the next best thing to actually

playing this world-famous course.

The game employs fractal geometry to display the course in realistic detail. After the final hole, players can take a walking tour to study the fairways, greens, traps, and picturesque scenery. But this program is quite a bit more than just pretty pictures. It considers the swing in such detail that it is possible even to determine which part of the club's head will strike the ball.

The left side of the display shows an overview of the hole, and gives wind

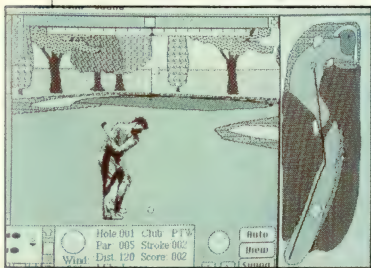
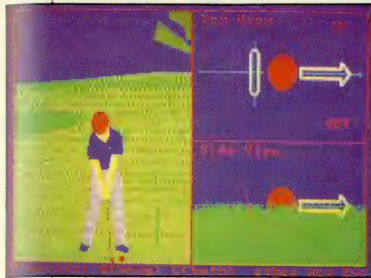
speed and direction, the hole's yardage and par, and the number of strokes taken. The right side shows the hole from the golfer's perspective. When the on-screen golfer is in position, a list of 14 clubs replaces the left display. (Players who have not yet mastered the art of club selection may use a default setting.) The player then sets the precise striking angle of the club (see top picture, next page) and tees off.

Mean 18 offers three courses—St. Andrews, Augusta, and Pebble Beach—as well as a Course Archi-

tect with which the user can create new courses or modify existing ones. Though Mean 18's somewhat blocky graphics do not compare with those of Championship Golf, it includes some half-dozen types of terrain, each of which affects the ball differently.

Prior to the start of each hole, an information screen lists the distance to the hole and the par value. The main display shows the hole from several feet behind the golfer. Before teeing off, the player can adjust his aim, view the entire hole from

PHOTOGRAPHS BY STAN FELLEMAN



From top to bottom:
Championship Golf; Mean 18;
MacGolf; and Leader Board.

above, change clubs, or check the scorecard. Swinging requires three presses on the spacebar: one to start the backswing, a second to begin the downswing, and a third to snap the golfer's wrists. As every golfer knows, mastering the swing takes practice, which is why driving and putting ranges have been thoughtfully included.

The Course Architect is a delight. Terrain can be set up quickly, and a magnifying window makes it easy to work on details of the

hole under construction. With a little imagination, anyone can build sensational special holes or an 18-hole masterpiece.

MacGolf is in black and white, of course, but its visuals are so attractive and detailed that the absence of color will hardly be noticed. The disk offers a pair of par-72 courses by professional links architect Jay Wohlrabe, and additional courses are planned by the publisher.

The main display shows the golfer from a few feet behind the ball, while a detailed overhead map simultaneously displays the hole. At the bottom of the screen is a control panel on which the player can precisely adjust the golfer's stance, aim, and swing. Novices can use the "auto" setting to aim the ball, but more experienced players will want to

align the shots themselves.

Leader Board, though suffering somewhat from the memory limitations of the system it was designed for, is packed with realistic golf action and embellished with evocative, if simple, visuals. Though less complex than simulations for high-memory computers, it is absolutely state-of-the-art for the Commodore.

One to four players can compete on 72 picturesque holes. The player aims at the hole by sighting through a cursor in front of the golfer, then chooses one of 14 clubs. Maximum power is attained by releasing the joystick's action button to start the downswing when the club is at the exact top of the backswing. To achieve the straightest ball flight, the player must snap the golfer's wrists (by pressing the button) just as

the club kisses the ball.

The program offers three difficulty levels to help the player learn the system gradually. At the Novice level, the ball always flies true, unaffected by wind. The Amateur level introduces power and snap considerations. The Pro level adds the wind factor.

These programs are no substitute for a bright morning on the links, but they successfully bring much of the sport indoors. And think of all the money you won't have to spend on customized clubs.

—Arnie Katz & Bill Kunkel

CHAMPIONSHIP GOLF Activation; IBM PC/PCjr, 128K Tandy 1000; \$49.95

MEAN 18 Accolade, 256K IBM PC \$49.95, Atari ST \$44.95; available soon for Amiga

MACGOLF Practical Computer Applications; 512K Macintosh; \$59.95

LEADER BOARD Access Software; C-64/128, Amiga, Atari ST; \$39.95

TRIPLE CROWN

Available from Victor Talalay, 307 Rosemary Rd., Toronto, Ontario M5P 3E4; \$10 includes postage

The inventor of the strategy game Colorloc (reviewed in February 1983) has scored again with another clever board game, this one combining luck and strategy in very satisfying proportions.

The board is made up of 66 squares—six horizontal rows numbered 1-6, intersecting with 11 vertical columns numbered 2-12. Two to four players each start with a supply of cardboard tiles, one color per player, each tile containing between one and six dots (like the faces of a die). In turn, each player rolls four regular dice, then chooses any one of the numbers rolled to represent one of the rows on the board, and any two of the others *added together* to represent one of the columns. The fourth die determines the value of the tile the player places on the board where his chosen row and column intersect.



The heart of the game is its novel scoring system. A tile placed on the board scores its own face value plus the face values of all other tiles of any color to which it is adjacent in any direction (including diagonally). But a tile placed horizontally or vertically (not diagonally) adjacent to another tile of the same color and the same "mode" (even or odd) scores a "triple crown": the two tiles are multiplied together and the product added to the normal score for that placement. For instance, a green 4 placed between a green 6 and a green 2 scores 48 points, assuming there are no other adjacent tiles: $(6 \times 4) + (6 \times 2)$ plus $6 + 2 + 4$.

If the placed tile were a green 5 instead, the score would be only 13 points.

A natural strategy, therefore, is to try to set up high-scoring opportunities by grouping tiles near each other in several areas, to be able to make good use of many possible dice rolls. Later in the game, when the options are fewer, the luck of the dice plays a greater role. Unless one player is very far ahead, a single lucky dice roll can produce a last-minute upset.

The game ends either when all the players in a single round cannot make a play or when the board is filled. The player with the highest score wins.

—B. H.

CONTEST RESULTS



FROM MAY

HOW MUCH IS ALBUQUERQUE?

Despite the mathematics involved, computer buffs and nonbuffs met on equal ground in this contest. One entrant reported spending a couple of hours writing a program (which then solved the puzzle in three seconds); others worked it out with pencil and paper in the same time or less.

We secretly gave each letter of the alphabet a different value from 1 to 26. Then we listed 44 place names, and for each gave the total value of its letters. Entrants had to find the value of ALBUQUERQUE. But since none of the names listed contained a Q, the values of all the other letters had to be discovered to find Q's value. Most of the nearly 8,100 entries had the right value for ALBUQUERQUE, which is 102.

Getting the answer by hand involved adding and subtracting the equations until the values of individual letters were found. A short way to break into the puzzle was found by Anthony Cutler, of New York City, who set up the following formulas:

$$TE = WICHITA + MAINE + GO - MICHIGAN - IOWA$$

$$H = HAWAII + NOME - MAINE - IOWA$$

$$LS = TULSA + H - UTAH$$

$$A = SEATTLE - LS - TE - TE$$

$$O = (OHIO + IOWA + A - HAWAII) \div 3$$

$$EM = SALEM - LS - A$$

$$M = (MONTGOMERY + EM - MONTEREY - GO) \div 2$$

The rest of the values can then be found easily.

The winner, chosen randomly from all correct entries, is Estel L. Vandergriff, of Bidwell, Ohio, who will receive a turquoise and silver pendant. Five runner-up prizes of GAMES T-shirts go to: Bruce A. Fellner, Huntington, NY; A. Heimert, Libertyville, IN; Alfred Powell, Santa Fe, NM; S. J. Skead, San Ramon, CA; and Russ Stocker, Phoenix, AZ. By a pleasant coincidence (?), Mr. Powell's entry was postmarked in Albuquerque.

—S. M.

THE VALUES

A = 10	G = 23	N = 4	T = 14
B = 20	H = 13	O = 5	U = 7
C = 3	I = 24	P = 22	V = 26
D = 12	J = 9	Q = 1	W = 25
E = 6	K = 16	R = 18	X = 11
F = 15	L = 19	S = 8	Y = 17
	M = 21		Z = 2

ALBUQUERQUE = 102

FROM APRIL

DEFINITIALS

Readers were asked to create a humorous sentence in which the first letter of each word corresponded, in sequence, to the letters of a famous name. Judging the entries was remarkably difficult: Of the 1,800-plus entries, the vast majority had merit, and the initial winnowing only reduced the possibles to 800.

Of those, all salacious submissions—however comical—were blackballed; then went the entries using names of our staff, however ego-stroking. (More than 40 entrants worried all the way through "R. Wayne Schmittberger," and 15 found "Pam Uruburu" an exotic challenge). In a more ineffable category, repeated submissions for the "Good Ol' Deity" were reverentially deep-sixed.

In politics, submissions were heavy on Ronnie (Republican Elected Again . . .) and on Imelda Marcos (where the "Collector-Of-Shoes" windup proved to be irresistible). Scientists included Isaac Newton, whose first name easily offers the gravitational missile "An Apple," and Descartes, whose name obligingly contains the initials for Cogito, Ergo, and Sum.

The grand prize, a Royal Brierly bud vase from Tiffany's, goes to Leslye Friedberg, of Cincinnati, Ohio, for her analysis of Jane Fonda, complete with editorial comment: **Jaded Actress Now Emphasizes Fitness Over Nuclear Disarmament, Alas.**

GAMES T-shirts go to Irwin Badin, Little Falls, NJ, for **Shrink Interprets Ghastly Motives Underlying Normal Deeds, Finds Raging Eroticism Universal Drive**; to Diane Davis, Dallas, TX, for **Merchant Revealed Weird Hang-ups Involving Paper Products Lustfully Embraced**; to Amy Cadarette, Woodstock, GA, for **Remember Opie? Now He's Older, Working As Renowned Director**; and to Bradley Harris, Calgary, Alberta, Canada, for the laconic **Muscles Replace Talent.**

Winning T-shirts as a special pair were the long and short of it: Annette M. Stewart, Reisterstown, MD, with (hold on to your hat) **Romantic Old Melodrama. Elders Of Adolescents Nix Duo. Justifiably Upset, Lass Imbibes Expiring Toxin. Befuddled Youth Wails "I'll Love Lass Indefinitely." Adolescent Mimics Sweetheart—Hysterically Acquires Knife. Expires. Saddened, Parents Eventually Acquiesce, Regretfully Eulogize.**

By contrast, Chuck Kellam, San Bernardino, CA, succinctly presented: **Id.**

A second pair of special T-shirt winners met in the garden: Sue Fitch, St. Louis, MO, with **Experimental Vegetarian Evicted**, and Christopher Poppe, Freeport, NY, with **Another Damned Apple Muncher.** —M. E. S.

FROM APRIL

HIDDEN CONTEST

Nearly 1,500 readers were not fooled by our not-so-Hidden Contest in the Events column, where we asked entrants to "send something phony to April G. Ames."

Some two-thirds of the entrants sent either our own Fake Ads or something to do with phones ("phone-y"), such as phone-shaped earrings, toy and real phones, and even their monthly phone bills. We also got a king's ransom in Monopoly bills, wooden nickels, and very bounceable checks. Other popular tomfooleries were fake flowers, animals, and food; fake pearls and diamonds; Phony Lisa (the Garbage Pail Kids' version of *Mona Lisa*); pictures of various politicians; and fake body parts (eyelashes, fingernails, hair, and teeth).

Our favorites were a fake résumé ("I have lots of experience [sic] in ansering [sic] telephones. I can handle three lines all at one time without cutting more than one person off at once."); a fake letter (a postcard with an envelope flap glued to its back); an Israeli telephone token that is often mistaken for a coin (so it's both phony and phone-y); fake placebos (think about it); a Hidden Contest entry in an envelope addressed to our Word Geography contest; and a white, V-neck T-shirt emblazoned with Magic Marker, "OFICIAL [sic] GAMES T-SHIRT." —M. D.

Real GAMES T-shirts go to these 20 randomly chosen winners: Donna L. Ahlstrand, Petaluma, CA; Kathy Alm, Largo, FL; Andrea Benin, Wilton, CT; Toni Brown, Austin, TX; Brant Casey, Lubbock, TX; Renée Flapper, Canyon County, CA; Linda Flynn, Denver, CO; A. J. Fox, Portland, OR; B. Holke, Mt. Clemens, MI; L. A. Jeffery, Belleville, MI; J. T. Moran, Macon, GA; Pat O'Meara, Dublin, OH; Rich Paone, Wayne, NJ; Priscilla Pollner, Framingham, MA; Renee Rottler, Salt Lake City, UT; Aimee Severson, Orinda, CA; Debbie Sharp, Springfield, IL; Mike Smolowitz, Geneva, NY; Abby Smuckler, Marblehead, MA; and Enid Williams, Binghamton, NY.

JULIE SCOTT



Grand Prize
A 35mm camera
with tripod

5 Runner-Up Prizes
A GAMES T-shirt

Make the Six Longest Words You Can, Using Three Different Consonants

Rules Pick any three different consonants. (For the purposes of this contest, Y is always considered to be a vowel, not a consonant, regardless of how it is

$$6 \times 6 \times 4 \times 6 \times 5 \times 5 = 21,600$$

A man in a white shirt and blue pants is juggling large, stylized letters (D, T, G, R, S, N, E) in the air. A large, fluffy brown dog sits on the grass to the left, watching him. The scene is set against a green background with a yellow sun in the top right corner.

**Mail your entry to: Take Three,
GAMES Magazine, 1350 Avenue of
the Americas, New York, NY 10019.
Entries must be received by Octo-
ber 1, 1986.**

☆☆ W I L D C A R D S ☆☆

EDITED BY MIKE SHENK

TEASERS

IN THE BEGINNING

The same four letters can go in each blank below to complete a common word. The four letters are in the same order each time. What are they?

___A ___ON ___NUT

—Theresa Sweeney

LOGIC

BIG DEAL

Slick Sam Sharp, Little Otto, Super Susie, and Joe the Tank are playing a nice little game of five-card stud. Their four hands contain every ace, king, queen, jack, and 10 in the deck. Each player's hand is a different type; for example, if one player holds a full house, no other player holds a full house.

Sam has four of a kind. His kicker (odd card) is a queen.

Otto's hand has a lower value than Susie's. He holds at least two jacks but no aces.

Susie's hand contains no card lower than a jack.

Joe's hand has the second highest value. He holds at least one queen.

What kind of hand does each player hold?

The different poker hands, in order of rank, are: straight flush (straight all in one suit); four of a kind; full house (three of a kind plus a pair); flush (five cards in a single suit); straight (five cards in order of rank); three of a kind; two pair; one pair; and high card.

—Bob Stanton



NUMBER PLAY

FIX-UP

This reading comes from a pocket calculator that obviously isn't working properly. In fact, some of the digits have one extra segment lit up, some have one too few segments lit, and some are correct as is. Can you reconstruct the original addition problem? (As an aid, the 10 digits, as they would appear on a properly working calculator, are shown below the problem.)

$$\begin{array}{r} 7408 \\ +5140 \\ \hline 8761 \end{array}$$

1234567890

—Guney Mentos

FOR THE RECORD

SINGING SIBLINGS

Fans of music and trivia know that Don and Phil are the first names of the Everly Brothers, and that Kathy, Debbie, Kim, and Joni form Sister Sledge. Can you match each set of first names below (1–10) with the appropriate group of singing brothers or sisters (a–j)?

1. Harry, Donald, Herbert, and John
 2. Patty, Maxene, and LaVerne
 3. Tito, Jackie, Marlon, Michael, and Jermaine
 4. O'Kelly, Rudolph, and Ronald
 5. Kathy, Dianne, Janet, and Peggy
 6. Joe, Gene, Vic, and Ed
 7. Ruth, Anita, and June
 8. Duane and Gregg
 9. Christine, Dorothy, and Phyllis
 10. Alan, Wayne, Merrill, Jay, and Donny
- a. The Ames Brothers
 - b. The Pointer Sisters
 - c. The Osmond Brothers
 - d. The Andrews Sisters
 - e. The Isley Brothers
 - f. The Jackson 5
 - g. The McGuire Sisters
 - h. The Allman Brothers
 - i. The Lennon Sisters
 - j. The Mills Brothers

—Raymond D. Love

IN OTHER WORDS

FOREIGN CORRESPONDENCE

Do you know how to say "great" in Russian? Or "whirlpool" in German? They're foreign words that should be familiar: *bolshoi* and *Strudel*. Similarly, the following translations don't require fluency in foreign languages. Can you translate each?

1. "Fat Tuesday" in French
2. "Divine wind" in Japanese
3. "Health" in German
4. "Truth" in Russian
5. "Work together" in Chinese
6. "Life; soul" in Egyptian
7. "Pine seed" in Italian
8. "Weakness weakness" in Singhalese

—Bill Bechem



WORDPLAY

SYNONYM SHUFFLE

The letters of each word at right can be rearranged to form two separate words that are synonymous with each other. For example, ADELPHI can be shuffled to yield the words AID and HELP. You're an anagramming expert if you can solve all of these in one sitting.

—M. S.

1. SHOUTS
2. PARTIER
3. IRELAND
4. TROLLING
5. CUTICLES
6. DETAINED
7. MARTINET
8. CONSORTED
9. RESISTANCE

AUNT HILDEGARDE

AT AUNT SAMANTHA'S

The last time we saw Aunt Hildegard, she'd been to visit Uncle Frank and had arrived back home liking crooks but not criminals, March but not April, and Greeks but not Romans. That's because Aunt Hildegard prefers things that have the same word structure as the relative she's seen most recently. And FRANK, CROOKS, MARCH, and GREEKS are all words that become other words when the first letter is removed.

Most recently, Aunt Hildegard has been to see Aunt Samantha, and now she has a brand new list of likes and dislikes. Can you figure out what's guiding her preferences now?

She uses MASCARA, but not ROUGE.

She roots for the GREEN BERETS, but not the MARINE CORPS.

She's wearing MINISKIRTS, but avoiding SARONGS.

She likes CUMULUS, but doesn't care for ALTOSTRATUS.

She collects COLOR PHOTOS, but not TINTYPES.

She watches the COTTON BOWL, but not the WORLD SERIES.

She uses DETERGENT, but never uses BLEACH.

She wears a PANAMA HAT, but not a FEDORA.

She likes RIN TIN TIN, but not LASSIE.

—David Diefendorf

HALL OF FAME

WALL OF FAME

The clues below lead to 10 well-known people whose names are a little "off the wall." Actually, the word WALL appears somewhere in each person's name. Can you identify each?

1. Three-time Georgia governor
2. Confederate general victorious at Chancellorsville
3. Actor married to Anne Jackson
4. *60 Minutes* inquisitor
5. Noted jazz pianist
6. Star of TV's *Mr. Peepers*
7. Famed highwire walker
8. Swedish diplomat who saved thousands from the Nazis
9. King Edward VIII abdicated for her
10. General who surrendered at Yorktown

—Andrea Carla Michaels

TRIVIA

THE END

Dennis Hopper once made a movie called *The Last Movie*, which of course it wasn't. In addition to that one, how many movies can you name whose titles begin with *Last* or *The Last*? Coming up with a dozen or more is an effort worthy of first place.

—Louis Phillips

DON'T MISS

The GAMES Sampler

Turn the page for a chance to enjoy challenge, mystery, romance, strategy, and more...



This special offer expires November 30, 1986, so ACT TODAY!

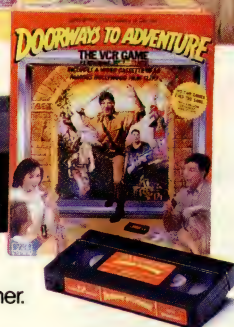
DOORWAYS TO ADVENTURE THE VCR GAME



Turn your VCR into over 8 million different adventures. Play along with famous film stars from 60 Hollywood film classics.

Complete with VHS video-cassette, game cards, money and more...for less than the price of a pre-recorded movie.

Pressman®
Games people play. Together.



FRANTIC CITY™ The Board Game of Casino Gambling™



Play at home and beat the odds, with the best casino game ever. Poker, Blackjack, Baccarat, Craps, Roulette! Frantic City's versions of these gaming classics pay off in jackpots of fun. Visit the world's most outrageous casinos and turn your dollars into multi-millions. Fast and furious action for 2 or more high-rollers.

© 1986 GOOD GAMES INC.

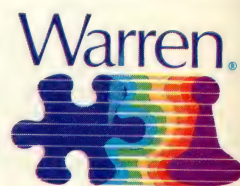


The Only Quiz Game
With Clues & Strategy

INQUIZITIVE

America's Newest Game Sensation

MURDER, SHE WROTE



A Game of Strategy and Pursuit



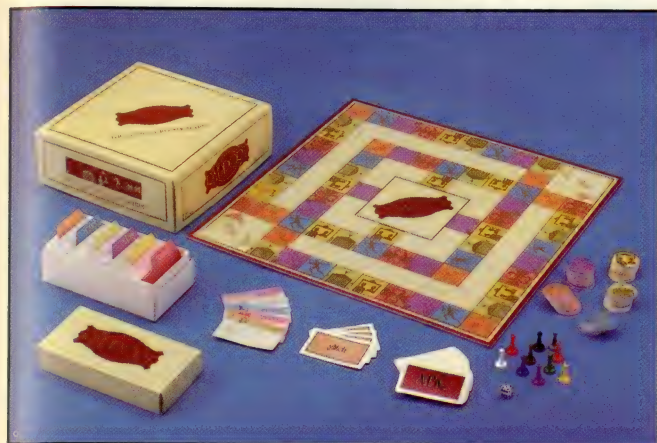
This entertaining mystery game combines the suspense of a "whodunit" with the interaction of a family game. One of the four to six players is the murderer...but no one knows who is who! Ages 10 to Adult.

TM © 1984 Univ. Studios

NEW



**AT LAST,
A GAME ABOUT PEOPLE.**



RAPPORr™ is the sensational new game where the subject is people—and the object is FUN! 2-10 players can all identify with 1,000 questions in the categories of **romance, anxiety, reality, success** and **fantasy**. It was created for those of us who believe that people are more entertaining than trivia!! Learn why people from 18 to 80 are playing RAPPORr™

ABYSS OCHRE FLUG EPONYM
THERE ARE OVER 400,000 WORDS IN THE ENGLISH LANGUAGE
HOW MANY DO YOU KNOW?

The exciting new board game of 1986!

WORD\$TOCK™



©1986 EDUCATIONAL MOTIVATION SYSTEMS

Ages: 6 to 66+

Levels: primary to PhD+

Players: 1 to 8 (or teams)

The unique definitional word game of skill, strategy, chance, and **FUN!**

WORD\$TOCK

builds vocabulary, increases word power, and
enhances verbal expressiveness in children and adults.

Educational and Entertaining for the entire family!

YES! Rush me the games checked below:

C9CS

QUAN	ITEM	ITEM #	PRICE EACH	TOTAL
	DOORWAYS TO ADVENTURE	600	\$34.95	
	FRANTIC CITY	601	\$19.95	
	INQUIZITIVE	532	\$19.95	
	"MURDER SHE WROTE" GAME	602	\$10.00	
	RAPPORr	515	\$39.95	
	WORD\$TOCK	603	\$29.95	

POSTAGE & HANDLING

If total order is: Please add:

Up to \$30	\$3.95
\$31 - \$50	\$4.95
\$51 or more	\$5.95

*Residents of NY, IL, MI, CA must add applicable sales tax.

Subtotal \$

P & H \$

*Sales Tax \$

TOTAL ENCLOSED \$

Simply clip and mail
this coupon to:

GAMES Mail Order
Dept. C9CS
P. O. Box 1325
Elk Grove Village, IL 60007

Name _____
Address _____
City _____
State _____ Zip _____

☐ My check or money order is
enclosed (payable to GAMES)
Bill my ☐ Mastercard ☐ Visa

Account Number _____

Expiration Date _____

Signature _____

GUARANTEE OF SATISFACTION: If you're not 100%
satisfied with your purchase, return the game(s) within
30 days of receipt, and we'll refund the entire purchase
price, no questions asked.

CALL TOLL-FREE AT

1-800-833-1003

Please allow 4-6 weeks for delivery.
Sorry, U. S. orders only.

This special offer expires November 30, 1986

**FREE
SURPRISE GIFT
WITH ORDER!**

ANSWERS

46 LOGIC

First Psychic Guess The cards, in order, are Heart, Diamond, Club.

Second Club, Spade, Heart

Third Heart, Diamond, Spade, Club

Fourth Club, Heart, Diamond, Spade

Fifth Spade, Joker, Club, Heart, Diamond

Sixth Club, Joker, Heart, Diamond, Spade

Seventh Club, Heart, Diamond, Spade, Joker

Eighth Heart, Spade, Diamond, Club

Ninth Club, Heart, Diamond, Joker, Spade

For complete, detailed solutions send a stamped (39 cents postage), self-addressed business-size envelope to Psychic Guesses, GAMES Magazine, 1350 Avenue of the Americas, New York, NY 10019.

25 SPLIT TICKET

The nine presidents (in chronological order) are: Monroe, Taylor, Pierce, Arthur, Wilson, Hoover, Truman, Carter, and Reagan.

26 SQUARE ROUTES

1	S	E	S	U	M	A	E	R	T	S
2	P	O	L	L	A	C	S	E	N	T
3	R	N	A	E	L	G	R	M	E	E
4	E	A	R	L	Y	R	A	R	M	K
5	A	T	E	O	A	H	P	A	I	C
6	D	I	S	P	E	R	S	E	A	I
7	R	O	I	A	E	H	M	D	R	P
8	A	N	R	L	T	H	G	I	N	L
9	S	T	D	E	L	I	O	S	N	U
10	T	I	R	P	S	E	E	I	N	G

24 CHAIN GANG

B	R	I	G	H	C	N	U	P	W	H	T	R	I	
S	B	T	O	H	E	Y	R	I	N	A	C	A	G	O
F	U	U	W	S	H	A	R	D	E	O	T	R	D	S
W	S	H	B	E	E	M	N	O	L	S	I	C	T	H
E	I	E	R	A	O	A	I	G	T	H	P	T	H	M
D	N	D	R	O	C	E	R	A	S	S	N	C	R	I
N	E	G	R	S	A	K	E	C	I	T	T	H	E	R
M	S	P	R	O	B	B	G	N	H	I	E	G	R	E
B	S	T	A	T	I	O	N	N	W	T	R	L	L	D
R	O	O	U	R	N	E	I	S	I	E	E	E	I	W
U	I	X	S	A	T	S	F	T	A	W	P	E	L	O
S	E	D	I	V	M	E	S	N	H	A	S	Y	P	E
H	O	P	R	N	I	E	C	A	L	P	R	N	E	S
S	O	N	P	L	E	O	N	G	S	O	F	T	E	S
R	A	L	L	A	B	V	T	E	T	A	L	P	E	L

32 CRYPTOLISTS

1. At a Hotel

Registration
Room service
"Do not disturb"
Gideon's Bible
Honeymoon suite
Wake-up call
Double occupancy
Check-out time
Night clerk
Lobby

2. Famous Fads

Pet rocks
Mood rings
Streaking
Elephant jokes
Flagpole-sitting
Valley talk
Rubik's Cube
Bobby socks
Toga party
Trivial Pursuit

3. Collectibles

Comic book
Antique clock
Rare stamp
Theater playbill
Old coin
Movie poster
Autograph
Campaign button
Record album
Baseball card

4. Crayola Colors

Carnation pink
Salmon
Periwinkle
Brick red
Burnt sienna
Mulberry
Raw umber
Aquamarine
Turquoise blue
Goldenrod

5. Myth or Reality?

Flying saucers
Mental telepathy
Poltergeists
Reincarnation
Atlantis
Telekinesis
Bermuda Triangle
Abominable Snowman
Clairvoyance
Unicorns

6. Mystery List

(Things with stripes)
Zebra
Barber pole
Referee's shirt
Candy cane
Skunk
American flag
Prisoner's uniform
Billiard ball
Toothpaste
Highway

12 THE NASTY NINES

1	2	3
4	5	6
7	8	9

Horizontal:

1, 2, 3: Movies (*Paper Moon*, 9 to 5, *Royal Wedding*)

4, 5, 6: Holes (in jack-o'-lantern, nine, and stone wall)

7, 8, 9: Circles (clock, record, pie chart)

Vertical:

1, 4, 7: O's (Ryan or Tatum O'Neal, jack-o'-lantern, five o'clock)

2, 5, 8: Nines (9 to 5, nine, "Love Potion Number Nine")

3, 6, 9: Freds (Astaire, Flintstone, Silverman)

Diagonal:

1, 5, 9: Paper (*Paper Moon*, paper nine, newspaper clipping)

3, 5, 7: (On) walls (dancing on the wall, nine and clock both mounted on walls)

Credits: *Paper Moon* and Fred Astaire, Movie Star News; 9 to 5, Phototeque; jack-o'-lantern, Bruce Coleman, Inc; paper nine, clock, and record, Nick Koudis; Fred Flintstone, Photo Fantasy

30 CARTOONERISMS

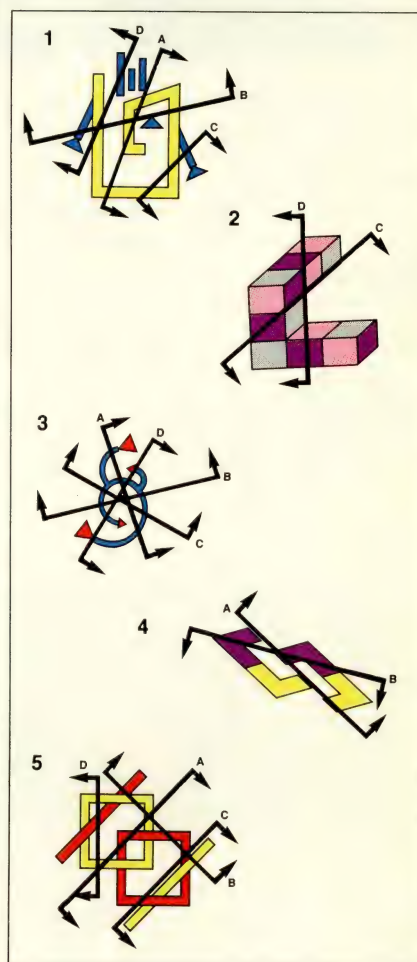
- Weeping lizard/leaping wizard
- Bunny phone/funny bone
- Churning bear/burning chair
- Head dog/dead hog
- Quart shaker/short Quaker
- Duck store/stuck door
- Polar bear/bowler pair
- Reading spider/speeding rider

18 MIRROR IMAGERY

The following patterns are impossible to form.

- B (If the bottom yellow piece in the pattern were rotated 180°, the pattern could be formed by placing a mirror on line B in diagram 1 below.)
- A, B (No axes of symmetry)
- B (If a mirror is placed on line B in diagram 3 below, the large arms of the resulting pattern would point the other way.)
- C, D (No axes of symmetry)
- A (If a mirror is placed on line A in diagram 5 below, the resulting pattern will closely resemble pattern A. But given the orientation of the vertical yellow bars in pattern A, the top—not the bottom—of the center square should go under the red shape.)

The other patterns can be formed by placing a mirror on the Mirror Masters on the lines shown below, facing in the directions indicated by the arrows.



To order The Mirror Puzzle Book, send a check or money order for \$4.95 plus \$1.50 P&H per order to:

GAMES Mail Order
1350 Avenue of the Americas
Dept. C9MP
New York, NY 10019

Please be sure to include your name, address, and quantity desired. U.S. orders only. Allow 4-6 weeks for delivery.

ANSWERS

34 DOUBLE CROSS

- | | |
|------------------|------------------|
| A. MOBY DICK | N. MOSQUE |
| B. ISLE OF PINES | O. MAGIC JOHNSON |
| C. STADIA | P. OUTRÉ |
| D. STARE | Q. NITTANY LIONS |
| E. MAN RAY | R. CODE |
| F. ATTAR | S. OF SILENCE |
| G. NEVADA | T. UPPER |
| H. NORIA | PENINSULA |
| I. EVADED | U. REQUISITION |
| J. RETURN | V. THE BIG CHILL |
| K. SEND IN THE | W. ED SULLIVAN |
| L. CLOWNS | X. SWIFT |
| M. OUTCAST | Y. YULETIDE |

Business techniques are (now) applied to the most personal situations. If you're ready to fall in love, you run a classified advertisement announcing a vacancy and including a job description with the most detailed skill requirements.—Miss Manners, *Common Courtesy*

25 EASY ON, EASY OFF

M	A	M	A	P	A	I	L	S	O	W	S	
O	N	U	S	E	S	T	O	P	K	N	I	T
O	N	T	H	E	W	H	O	L	E	I	T	S
D	E	T	E	N	T	E	L	E	A	T	H	E
E	L	O	P	E	R	O	V	E	N	A	N	T
D	E	F	E	R	H	O	I	S	T	L	I	E
G	I	F	T	W	I	N	E	S	B	E	N	D
A	C	T	L	I	K	E	D	T	I	R	E	D
R	A	H	O	N	E	R	G	E	N	T	R	Y
E	G	G	S	S	T	U	N					
A	T	H	L	E	T	E	S	S	E	N	C	E
S	H	O	E	O	F	T	H	E	W	A	L	L
P	E	O	N	N	O	I	R	E	E	N	O	S
S	A	K	S	R	E	A	R	S	A	G	E	

41 WACKY WORLDIES

- "Born in the U.S.A."
- Tennessee Tuxedo
- All the tea in China
- Blue Hawaii*
- "Deep in the Heart of Texas"
- "Sweet Georgia Brown"
- California Split*
- "Turkey in the Straw"
- Scotland Yard
- New York, New York*
- Baked Alaska
- Washington Crossing the Delaware*

23 REVERSE CATEGORIES

The categories can appear in any order.

	Movies	Golf Terms	Parts of The Body	Words in the Pledge of Allegiance	Words Beginning with Animals' Names	Words Ending -IA
S	Shampoo	Stroke	Sole	Stands	Shrewd	Sequoia
P	Poltergeist	Putting	Palm	Pledge	Pigment	Petunia
I	Interiors	Iron	Iris	Indivisible	Impalatable	Inertia
R	Rocky	Rough	Rib	Republic	Rattle	Russia
A	Airport	Approach	Appendix	America	Apex	Amnesia
L	Lifeboat	Lie	Leg	Liberty	Lambaste	Lusitania

35 THREE-WAY



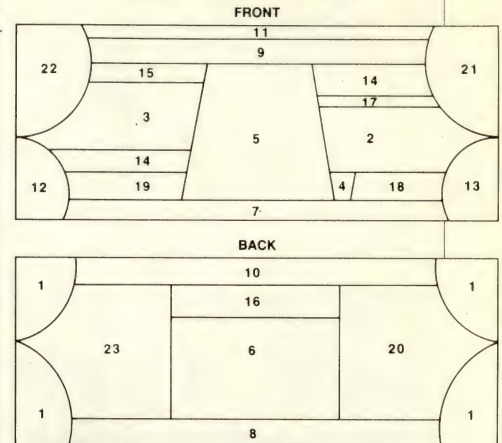
FAKE AD

The Fake Advertisement announced in the Table of Contents was for Impress-A-Guest. It appears on page 7. Idea by Mary Ellen Slate.

44 EYEBALL BENDERS

- | | |
|-----------------|--------------------------------|
| 1. Baby Ruth | 9. York Peppermint Pattie |
| 2. 3 Musketeers | 10. Milk Duds |
| 3. Chuckles | 11. Reese's Peanut Butter Cups |
| 4. Butterfinger | 12. Twizzlers |
| 5. Life Savers | 13. Juicyfruits |
| 6. Tootsie Roll | 14. Snickers |
| 7. Almond Joy | 15. Red Hots |
| 8. Mike and Ike | 16. Bit O'Honey |

38 THE BUCK STARTS HERE



29 JUST A PUT-ON?

R	O	A	R	E	D	C	O	U	S	I	N	S	C	A	T	H	E				
A	N	G	E	L	A	A	R	L	E	N	E	K	O	S	H	E	R	S			
V	E	I	L	E	D	T	H	R	E	A	T	S	I	N	H	E	R	I	T		
E	R	N	G	O	O	N	M	O	T	O	R	C	R	E	E						
S	A	S	S	A	D	A	S	T	I	L	L										
P	A	L	I	N	H	O	M	I	N	G	A	S	L	O	O	S	E				
A	D	U	L	T	S	P	A	S	S	E	L	T	O	C	A	L	L	A			
P	O	C	K	E	T	V	E	T	O	L	E	A	H	S	K	O	A	L			
A	S	K	S	R	E	C	O	R	D	A	G	E	O	M	I	T					
T	A	I	S	D	E	L	P	H	I	O	F	O	N	E							
A	L	L	O	C	A	T	E	R	A	S	S	E	S	S	E	S					
L	E	E	C	H	E	N	G	R	A	M		S	E	R	E						
S	U	N	K		D	O	O	T	I	S	S	U	E		C	O	O	T			
O	R	N	I	S	I	S	L	E	N	A	K	E	D	T	R	U	T	H			
P	R	O	N	O	U	N		D	R	O	O	L	I	S	E	E	S	T	O		
E	N	G	I	R	T	S	G	U	S	S	E	T		A	C	T	O	R			
T	R	I	E	S		T	E	A	E	E	R	Y									
A	F	A	R		R	E	G	A	L		S	E	G	O		M	O	P			
L	A	R	A	M	I	E		W	R	A	P	I	N		M	Y	S	T	E	R	Y
G	R	A	D	E	R	S		E	N	S	I	L	E		P	E	E	L	E	R	
O	M	E	L	E	T		N	E	T	T	L	E		T	S	E	T	S	E		

27 BOX OFFICE

M	I	S	C	H	A	N	C	E	C	A	D	S		
I	N	T	H	E	M	O	O	D	L	O	R	E	N	
S	Q	U	A	R	E	T	H	E	C	I	R	C	L	E
P	U	N		O	X	E	N		A	K	N	A	V	E
L	O	N	I						Q	U	E	E	R	E
A	T	E	N		A	M	B	U	L	A	T	O	R	Y
C	E	R	F		N	E	R	O						
E	S	S	O		S	N	O	R	E		O	A	R	S
					A	C	U	S		F	R	E	T	
S	U	M	M	E	R	C	A	M	P		F	E	T	A
T	R	A	I	N	E		S	A	A					
A	B	S	C	A	M		A	G	H	A	C	I	T	
B	A	C	K	T	O	S	Q	U	A	R	E	O	N	E
A	N	O	L	E		O	U	T	L	A	N	D	E	R
T	E	T	E		D	I	S	O	R	D	E	R	S	

ANSWERS

33 CRYPTIC CROSSWORD 1

ACROSS

- 1 Popular (polar + up)
- 5 Attest (at + test)
- 8 Overt (over + T)
- 9 Masseuse (seams use)
- 11 Onerously (Nero + lousy)
- 12 Saint (sat + in)
- 13 Attack (fAT TACKle)
- 15 Entrance (two meanings)
- 17 Islander (leis darn)
- 19 Asking (a + S + king)
- 22 Niger (reign)
- 23 Twentieth (win the Tet)
- 25 Stickers (s + tickers)
- 26 Talon (bruTAL ONe)
- 27 Trysts (try + sts.)
- 28 Arrayed (a dreary)

DOWN

- 1 Provocations (pro + vocations)
- 2 Present (two meanings)
- 3 Lotto (L + Otto)
- 4 Remiss (miser's)
- 5 Assaying (as + saying)
- 6 Treasures (rates + sure)
- 7 Session (s + noises)
- 10 Strengthened (send the rent + G)
- 14 Contracts (r + contacts)
- 16 Heathens (Athens + he)
- 18 Lighter (the girl)
- 20 Ideally (allied + y)
- 21 Persia (praise)
- 24 Tater (treat)

33 CRYPTIC CROSSWORD 2

ACROSS

- 1 Published (P.D. + Belushi)
- 6 Antic (anti + c)
- 9 Cutie (cut + i.e.)
- 10 Rigmarole (rig + mar + ole)
- 11 Forfeits (for + Fe + its)
- 12 Aghast (HAG HAS Town)
- 14 Shoplifters (Phil Foster's)
- 18 Bureaucrats (U.S.-Arab truce)
- 21 Empire (P.M. + Eire)
- 22 Pheasant (peasant + h)
- 25 Locatable (a Taco Bell)
- 26 Prior (Pryor)
- 27 Dared (D.A. + red)
- 28 Lethargic (the garlic)

DOWN

- 1 Pacifist (pact + if + l's)
- 2 Bathroom (Rambo hot)
- 3 Irene (fIRE NET)
- 4 Heretofore (free her too)
- 5 Dogs (do + Gs)
- 6 Analgesic (Angelica's)
- 7 Thorax (Thor + ax)
- 8 Cheats (chess - s + at)
- 13 Detachment (chatted + men)
- 15 Liberated (LI + berated)
- 16 Managing (man + aging)
- 17 Esoteric (tie score)
- 19 Sealed (sea + led)
- 20 Spacer (recaps)
- 23 Alpha (aha + LP)
- 24 Abel (label - l)

27 COMPOUND INTEREST

1. Youngman (young man)
2. Bankhead (bank head)
3. Arkin (ark in)
4. Dietrich (diet rich)
5. Brando (bran do)
6. Parton (part on)
7. Churchill (church ill)
8. Stallone (stall one)
9. Carroll (car roll)
10. Hagman (hag man)

20 WORKING RELATIONSHIPS

- 1-B Ted Knight : Doris Day :: Karen Black : Vanna White (last names suggest opposites)
- 2-A unicorn : bicycle :: four-leaf clover : octopus (number suggested by second object is twice the number suggested by first object)
- 3-E parachutist : waterfall :: pole-vaulter : geyser (falling and rising persons and water)
- 4-G cardinal : St. Louis :: cub : Chicago (baseball team names and their home cities; alternatively, football team names and their home cities, since a "cub" is also a "bear")
- 5-C pots : pans :: stop : snap (reversal of letters)
- 6-H baseball : bat :: volleyball : hand (puns on the instruments used to hit each ball)

Credits: Photo Researchers, Inc. provided the following photographs: four-leaf clover, © Michael P. Gadowski; waterfall, © J. L. Lepore; pole-vaulter, Agence Vandystadt; cardinal, © Helen Williams; St. Louis, © Jan Halaska; bat, © Dr. Merlin Tuttle; bear cub, © Leonard Lee Rue III; octopus, © Russ Kinne; geyser, © Helen Marcus 1981; Chicago, © Van Bucher 1979. Also provided: Ted Knight and Karen Black from Picture Group, © Jeff Slocumb; parachutist from Focus on Sports/Mickey Palmer; pots, pans, and volleyball by Nick Koudis; Vanna White, © National Broadcasting Company Inc. 1985

26 SQUARE ROUTES CLUE ANSWERS

1. Spread
2. Amuses
3. Terrapins
4. Stream
5. Sent
6. Escallop
7. Nation
8. Alarming
9. Glean
10. Early
11. Mash
12. Heart
13. Disperse
14. Pole
15. Sparse
16. Raiment
17. Pickets
18. Rise
19. Taste
20. Night
21. Sidearm
22. Unsoiled
23. Tsar
24. Idler
25. Seeing
26. Esprit
27. Gulp

WILD CARD ANSWERS

IN THE BEGINNING

The common beginning is COCO, to form COCOA, COCOON, and COCONUT.

BIG DEAL

Sam has four of a kind (four aces and a queen); Joe holds three of a kind (three 10s, a king, and a queen); Susie has two pair (two kings, two jacks, and a queen); and Otto has one pair (two jacks, a king, a queen, and a 10).

FIX-UP

The original problem was:

1409
+ 6748

8157

FOREIGN CORRESPONDENCE

1. *Mardi Gras*
2. *Kamikaze*
3. *Gesundheit*
4. *Pravda*
5. *Gung ho*
6. *Ankh*
7. *Pinocchio*
8. *Beri-beri*

SINGING SIBLINGS

- 1-j, The Mills Brothers
- 2-d, The Andrews Sisters
- 3-f, The Jackson 5
- 4-e, The Isley Brothers
- 5-i, The Lennon Sisters
- 6-a, The Ames Brothers
- 7-b, The Pointer Sisters
- 8-h, The Allman Brothers
- 9-g, The McGuire Sisters
- 10-c, The Osmond Brothers

SYNONYM SHUFFLE

1. SO and THUS
2. RIP and TEAR
3. DEN and LAIR
4. RING and TOLL
5. CUT and SLICE
6. ATE and DINED
7. NEAT and TRIM
8. ODOR and SCENT
9. ASCENT and RISE

AT AUNT SAMANTHA'S

Aunt Hildegard likes words and phrases in which only one of the five vowels appears.

WALL OF FAME

1. George Wallace
2. Thomas J. "Stonewall" Jackson
3. Eli Wallach
4. Mike Wallace
5. Fats Waller
6. Wally Cox
7. Karl Wallenda
8. Raoul Wallenberg
9. Wallis Warfield Simpson
10. Charles Cornwallis

THE END

Here are the titles we came up with:

The Last American Hero
The Last Angry Man
The Last Days of Pompeii
The Last Detail
The Last Hurrah
The Last Laugh
The Last Metro
The Last of Sheila
The Last of the Mohicans
Last of the Red Hot Lovers
The Last Picture Show
The Last Remake of Beau Geste
The Last Starfighter
Last Tango in Paris
The Last Time I Saw Paris
The Last Tycoon
The Last Waltz
The Last Wave
Last Year at Marienbad

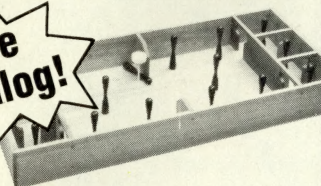
THE GALLERY

NEW!

Games

From Around the World

Free Catalog!



Exquisitely crafted wooden games & puzzles to challenge any age. Old-world ideas from China, England, and Egypt, and more. Everything from Chinese checkers to Dutch Shuffleboard. Many in solid oak or cherry, and of outstanding quality. **Satisfaction guaranteed.** Send for a free catalog now.



WORLD WIDE GAMES

Dept. WG8 Colchester, CT 06415

LABYRON

over

**1,000,000,000,000,
000,000,000,000**

possible mazes

LABYRON (LAB-A-RON) is a unique and challenging alternative to traditional board games in that the "board" is a constantly changing maze.

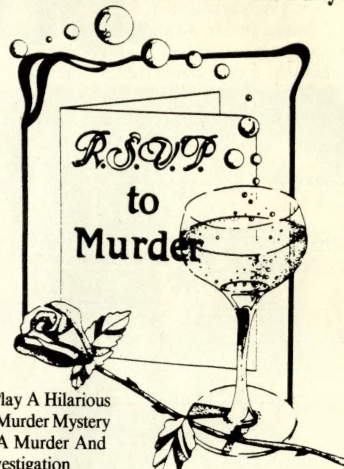
You and your opponent(s) build a maze as you are moving through it. Corridors and courtyards are formed to trap your opponent(s) yet allow for your escape. Since the maze changes as you play, you must plan ahead in order to maintain an escape route. Be the first to escape and win!

With every game you play, a different maze and a new challenge!

ONLY \$9.95 (plus \$2.25 ship. & hndl.)
Fla. residents add 5% sales tax

Send check or money order to: **GAMMA GAMES**
Box 162935, Miami, Florida 33116.
Please allow 4-6 weeks for delivery.

DIE LAUGHING At Your Next Party!



Role Play A Hilarious
Adult Murder Mystery
Stage A Murder And
It's Investigation
From 15 - 55 Players

Send a Check or Money Order for \$17.95 plus \$3.00 shipping and handling to:

Creative Parties, Inc. P.O. Box 230028 Anchorage, AK 99523

Murder™ by MAIL

SPINE TINGLING

MYSTERY PARTIES

Sophisticated sleuthing
for 10 to 100 guests.
(Customized packages)

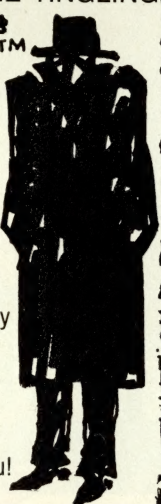
- 30's Gangster Speakeasy
- 40's Casablanca
- 50's High School Prom

For Home • Business
• Fundraising

The suspense may kill you!

For Brochure send 50¢
Box 1899 Vineyard Haven, MA 02568

(617) 693-5205



*SCALA—a game of skill,
logic, cunning, analysis,
but certainly not luck.
Experience Scala's subtle
tactics and classic beauty.
Expertly silk-screened in
black on tan vinyl.*

\$22.00 includes shipping.

Send check or money order to:

SKILL GAMES

P. O. Box 6326

Holyoke, MA 01041

MODULAR MAZE GAME

**DESIGN
ASSEMBLE
CHALLENGE
CONQUER**

**Construction maze will test
your limits of concentration and
coordination • Great gift idea
for mind expanding thinkers.**

Adjustable for any age or I.Q. group.
Games for any number of players.
Add levels as your ability improves.
You will need no other maze system
in this lifetime. Order today!!!

250 piece • 2-level game: \$ 9.75
500 piece • 4-level game: \$18.95

Order from:
or Request free
brochure
Free shipping

CPI • DEPT. MG
P.O. Box 10202
Portland, OR 97210

CHECK • MONEY ORDER • BANK CARD • NO C.O.D.
MONEY BACK GUARANTEE OF SATISFACTION

SUPER CHESS

Advanced version of chess. 10 by 10
Game Board. 4 new pieces per player,
Cyclops, Archer, Super Pawns,
Available 3 ways:

- \$19.95** — 8 new pieces, board, box rules
- \$29.95** — 40 piece set w/black &
ivory high impact plastic
- \$39.95** — 40 piece simulated wood -
maple and walnut
complete

FULL 30 DAY MONEY BACK GUARANTEE

N.Y.S Residents add local tax, shipping
charges included! Order today, great gift idea.

SEND CHECK OR MONEY ORDER TO:
SUPER CHESS, INC.
P.O. BOX 83
OAKLAND GARDENS, NY 11364

COLLEGE

**THE GAME OF KNOWLEDGE™
EXCITING,
EDUCATIONAL,
CHALLENGING**

COLLEGE: The Game of Knowledge
puts you to the test with questions
in nine different subjects.

Choose your curriculum (Liberal Arts
or Science) and you are on your way
to hours of fun.

DON'T WAIT — ENROLL NOW!

Send \$19.95 + \$ 2.00 shipping to:
SIBILATRIX, INC.

P.O. Box 781, Lyndhurst, NJ 07071



GAME INVENTORS HAVE YOU INVENTED THE NEXT BLOCKBUSTER?

Have you tried to sell it to a major company or
thought of producing it yourself?

If so, don't miss this exciting and informative one
hour, audio presentation by Steve Peek who has
produced and/or marketed over 100 games during
twelve years in the game industry. His in-depth
cassette covers:

- an overview of the game market
- selling a game to a major company
- producing your own game

Nearly a full hour of information it has taken him
years to learn, is yours for only

\$14.95

plus \$2.00 postage and handling.

Send check or money order for \$16.95 (Texas
Residents add applicable sales tax) to: Seminar
Tape, Yaquinto Printing Company, Inc., 4809
South Westmoreland, Dallas, Texas 75237.

Mastercard or Visa call 214-330-8912.

Sorry, no C.O.D., allow three weeks for delivery.
For additional information send S.S.A.E. (\$.39)
for our FREE brochure.

28 PUZZLES FROM THE POLE VAULT

1. Puzzled Postman

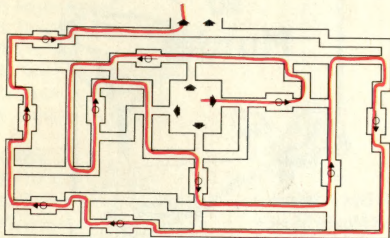
The only apartments that have both doorbells and knockers are apartments 1, 3, and 5. Apartments 1 and 3 cannot be Mr. Kowalski's because their only neighbor with a doorbell is apartment 2, and Mr. Kowalski's sister lives there. Therefore, Mr. Kowalski must live in apartment 5.

2. Taking Sides

A. $5 + 3 = 8$

B. $4 + 4 = 8$

3. Labyrinth



4. Tunnel Vision

Let x = length of the tunnel in meters. The man travels x meters at 45 kilometers per hour (the combined speed of the train and his walking) in the same time that the train travels $x - 125$ meters at 40 kilometers per hour.

The equation $x/45 = (x - 125)/40$ solves to $x = 1125$. Therefore, the length of the tunnel is 1125 meters.

5. Rank and File

Sergeant A needs 29 moves, as follows:

- | | | |
|-------------|-------------|------------|
| 1. B to 1 | 11. H to 9 | 21. A to 1 |
| 2. C to 2 | 12. A to 12 | 22. B to 2 |
| 3. D to 3 | 13. G to 13 | 23. C to 3 |
| 4. E to 11 | 14. F to 8 | 24. D to 4 |
| 5. F to 4 | 15. A to 7 | 25. E to 5 |
| 6. G to 5 | 16. E to 12 | 26. F to 6 |
| 7. H to 12 | 17. A to 11 | 27. G to 7 |
| 8. J to 7 | 18. D to 7 | 28. H to 8 |
| 9. A to 13 | 19. C to 6 | 29. J to 9 |
| 10. J to 10 | 20. B to 5 | |

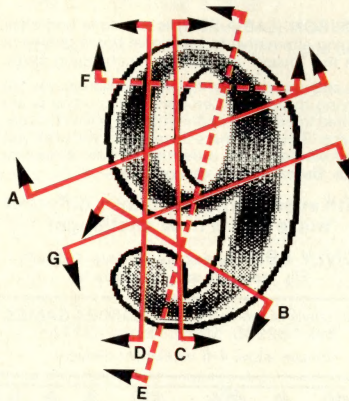
24 CHAIN GANG WORD LIST

- 1 SEARCH
- 2 SWITCH
- 3 ROOM
- 4 STATION
- 5 TRAIN
- 6 RECORD
- 7 PIANO
- 8 PIGEON
- 9 PUNCH
- 10 DRAWING
- 11 TENNIS
- 12 GREASE
- 13 BUSINESS
- 14 SHARP
- 15 STAR
- 16 STORY
- 17 PLATE
- 18 EYE
- 19 BOXING
- 20 FINGER
- 21 BRUSH
- 22 DEPARTMENT
- 23 HOUSE
- 24 PAPER
- 25 LILY
- 26 ELEPHANT
- 27 POWDER
- 28 BALL
- 29 PLACE
- 30 BACK
- 31 CABIN
- 32 PITCH
- 33 BIRD
- 34 WHISTLE
- 35 WATCH

MIRROR, MIRROR COVER

All the patterns except E and F can be formed by holding the edge of a mirror up to the 9 (as shown in the illustration on page 18). Pattern E could be formed if its bottom piece were turned upside down; Pattern F would be possible if the coloring of its two center areas were reversed.

To form the remaining patterns, and to form near misses for patterns E and F, place a mirror on each of the lines shown below, facing in the direction indicated by the arrows.

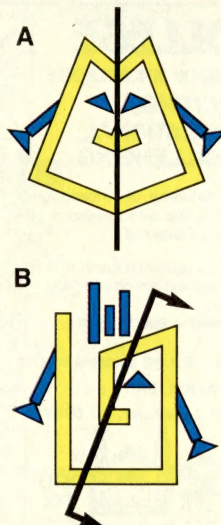


The cover's computer art was done on an Artronics Computer System with a Tektronix #4695 printer.

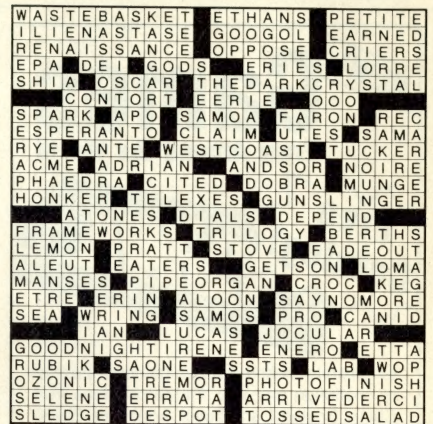
18 MIRROR IMAGERY SOLVING HINTS

There are two steps involved in determining whether a pattern is impossible to form from the Mirror Master. First, look for an "axis of symmetry" in a pattern—that is, try to draw a line through the pattern that will divide it into two halves, each of which is a perfect mirror image of the other. If the pattern cannot be divided into symmetrical halves (i.e., has no axis of symmetry), then it cannot be formed by placing a mirror on the Mirror Master.

If the pattern does have an axis of symmetry, the second step is to determine, by careful observation, whether either of those halves exactly matches part of the Mirror Master design. For example, the axis of symmetry of pattern A of Mirror Master design 1 is a vertical line through its center (diagram A below). The right half of the pattern, rotated slightly, matches the portion of Mirror Master 1 to the right of the line (diagram B). If a mirror is placed on this line, with its reflecting surface facing the right, pattern A will be seen.



35 OPEN ENDED



EUREKA

Eureka is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than the one we gave.

★ **Word Quest** (July, page 30). This maze involved picking up letters and combining them to form words in various categories. Words earned money needed to enter different rooms in the maze. Readers found many shorter routes; the shortest solutions were sent in by John P. Coady, of Taylorville, IL, and Patterson Carl Meuth, of Libertyville, IL. Their routes were similar, both starting by picking up A-S-P-M-X-W-H and forming ASP in the room directly below the H. A move to the right shifted the remaining letters M-X-W-H to N-Y-X-I. The letters O-S-N were then picked up, and the name NIXON, formed in the next-to-last room, earned enough money to escape from the maze.

COMING

DISTRACTIONS

OCTOBER

The Miami Herald Tropic Hunt

Brain-crushing clues will lead thousands of participants back and forth across the city of Miami this month. Here's a behind-the-scenes look at the annual event, courtesy of its ingenious creator.

Presidential Humor They're droll, they're dry, they're playful . . . and they're our presidents. Match them with some of their wittiest comments.

Shadow Sculptures Match these larger-than-life abstract sculptures with the shadows they cast.

Picture Frames This bowling sequence puzzle is right up your alley. Rearrange the photos to determine the final score.

Plus Ghostly Images, Sketchwords sent in by readers, and a brand-new Split Ends crossword.

On sale at newsstands
September 10

AT&T. We go the distance for you.



And you can keep it that way.

Santa Fe. Sydney. Shanghai. Your world is as big as you want to make it with AT&T Long Distance Service.

No other company can offer you everything we can. Clear long distance connections. Calls that go right through. Full-service long distance operators. Special weekend and evening discounts. And programs that give you extra value for your long distance dollar.

For over a hundred years when you reached out we were there. And you can keep it that way. Make sure your choice is the company that gives you the world to call on. AT&T.

**AT&T**

The right choice.

Get a taste of it.



Merit Ultra Lights

Kings: 5 mg "tar," 0.5 mg nicotine—100's: 6 mg "tar,"
0.6 mg nicotine av. per cigarette, by FTC method.

SURGEON GENERAL'S WARNING: Cigarette
Smoke Contains Carbon Monoxide.